
AASP African American Studies Winter 2013

AASP498I **Special Topics in Black Culture; Women and the Civil Rights Movement**

AASP498I Special Topics in Black Culture: Women and the Civil Rights Movement; (3 credits) Grade Method: REG/P-F/AUD.

Also offered as HIST360 and WMST498M.

WB11	Elsa Barkley Brown	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

AASP498R **Special Topics in Black Culture; Race and Sports**

AASP498R Special Topics in Black Culture: Race and Sports; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Jonathan England	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

AASP499D **Advanced Topics in Public Policy and the Black Community; Drawing the Colorline: Chocolate City and the Media**

AASP499D Advanced Topics in Public Policy and the Black Community: Drawing the Colorline: Chocolate City and the Media; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Jonathan England	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

AMSC Applied Mathematics & Scientific Computation Winter 2013

AMSC698A **Advanced Topics in Applied Mathematics**

AMSC698A Advanced Topics in Applied Mathematics; (1-4 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMSC762 **Data Analysis Project**

AMSC762 Data Analysis Project; (1 credit) Grade Method: REG.

This course cannot be used to meet any of the Applied Statistics Area's seminar requirements. Offered yearly, required of and limited to MS non-thesis and doctoral students in Applied Statistics Area, for whom the resulting projects serve as a Qualifying Exam component. After 5-6 lectures or presentations on components of successful data analyses and write-ups, 3-4 sessions will discuss previous student project submissions. The culminating project, to be completed in a two week period between semesters, is an analysis and written report of one of three project choices made available each year to represent a spectrum of realistic applied statistical problems.

0101	Konstantina Trivisa	Seats (Total: 10)
Contact instructor or department for details.		

AMSC899 **Doctoral Dissertation Research**

AMSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMST American Studies Winter 2013

AMST203 **Popular Culture in America**

[Click here for descriptions of all AMST winter courses.](#)

AMST203 Popular Culture in America; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies.

An introduction to American popular culture, its historical development, and its role as a reflection of and influence on our culture and society. An introduction to American popular culture, its historical development, and its role as a reflection of and influence on our culture and society. We will also examine historical and contemporary celebrity culture from various critical theoretical perspectives.

WB11	Gabriel Peoples	Seats (Total: 30)
Class time/details on ELMs		ONLINE

AMST205 **Material Aspects of American Life**

AMST205 Material Aspects of American Life; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies.

Historical survey of American material culture. Ways of describing and interpreting accumulated material evidence (e.g., buildings, town plans) introduced by stressing relationship between artifact and culture.

WB11	Jessica Walker	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

AMST328P **Perspectives on Identity and Culture; Krunking, Cyphers and Collegiate Greek Hazing: Ritual and the Sacred in Youth Cultures**

AMST328P Perspectives on Identity and Culture: Krunking, Cyphers and Collegiate Greek Hazing: Ritual and the Sacred in Youth Cultures; (3 credits)

Grade Method: REG/P-F/AUD.

WB11	Tiffany King	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

AMST328R **Perspectives on Identity and Culture; From Ricky Ricardo to Jennifer Lopez: Exploring Latina/o Gender & Sexuality in Popular Culture**

AMST328R Perspectives on Identity and Culture: From Ricky Ricardo to Jennifer Lopez: Exploring Latina/o Gender & Sexuality in Popular Culture; (3 credits) Grade Method: REG/P-F/AUD.

Also offered as USLT498L

WB11	Cristina Perez	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

ANSC Animal Science

Winter 2013

ANSC386 **Experiential Learning**

ANSC386 Experiential Learning; (3-6 credits) Grade Method: REG/P-F.

Prerequisite: Permission of AGNR-Animal & Avian Sciences department. Restriction: Junior standing or higher.

0101	Amy Burk	Seats (Total: 10)
	Contact instructor or department for details.	

0118	Christine Hakenkamp	Seats (Total: 10)
	Contact instructor or department for details.	

ANSC399 Special Problems in Animal Science

ANSC399 Special Problems in Animal Science; (1-2 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANSC497 Animal Biotechnology Recombinant DNA Laboratory

ANSC497 (PermReq) Animal Biotechnology Recombinant DNA Laboratory; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: ANSC327; or students who have taken courses with similar or comparable course content may contact the department. Recommended: ANSC437 and ANSC435. An advanced course offering hands-on experience in performing recombinant DNA experiments. Current molecular biology techniques used for cloning genes, analyzing the gene products, and modifying the genes of animals will be performed. Techniques include isolation of DNA, use of restriction enzymes; cloning procedures, PCR analysis, and Southern hybridizations. Lecture material focuses on interpretation of results generated in the laboratory.

0101	Lisa Taneyhill	Seats (Total: 10)
	MTuWThF 9:00am - 5:00pm	ANS 1150

ANSC688G Special Topics; Animal Biotechnology Recombinant DNA Laboratory

ANSC688G (PermReq) Special Topics: Animal Biotechnology Recombinant DNA Laboratory; (3 credits) Grade Method: REG/AUD.

0101	Lisa Taneyhill	Seats (Total: 10)
	MTuWThF 9:00am - 5:00pm	ANS 1150

ANSC899 Doctoral Dissertation Research

ANSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

ANTH

Anthropology

Winter 2013

ANTH220

Introduction to Biological Anthropology

ANTH220 Introduction to Biological Anthropology; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Natural Science Lab; Diversity - Understanding Plural Societies.

Human biological evolution, including the biology of contemporary human groups, non-human primate social behavior, and the fossil, biochemical, and molecular evidence for human evolution. Includes a laboratory study of human population genetics, biochemical variation, and anatomical diversity in modern and fossil human and non-human primate groups.

HY11	Susan Steen	Seats (Total: 20)
	WTh 12:00pm - 3:30pm	WDS 1114
	Class time/details on ELMs	ONLINE
	TuWThF 9:00am - 11:30am	WDS 0124C Lab

ANTH260

Introduction to Sociocultural Anthropology and Linguistics

ANTH260 Introduction to Sociocultural Anthropology and Linguistics; (3 credits)

Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course. GenEd: Diversity - Understanding Plural Societies. Culture and social relationships in a wide variety of settings from small-scale to complex societies. An overview of how anthropology analyzes human behavior. Particular attention to the relationship between language and culture.

WB11	Michael Buonanno	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

ANTH298K

Special Topics in Anthropology; Sexuality and Culture

ANTH298K Special Topics in Anthropology: Sexuality and Culture; (3 credits)

Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.

[Click here for more course information.](#)

WB11	Michael Buonanno	Seats (Total: 25)
	Contact instructor or department for details.	

ANTH448D

Special Topics in Archaeology; GIS for Anthropologists

ANTH448D Special Topics in Archaeology: GIS for Anthropologists; (3 credits)

Grade Method: REG/P-F/AUD.

Click here for more course information.

WB11	Adrienne Allegretti	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

ANTH469C

Advanced Special Topics in Cultural Anthropology; Language and Culture

ANTH469C Advanced Special Topics in Cultural Anthropology: Language and Culture; (3 credits) Grade Method: REG/P-F/AUD.

Also offered as Anth689C Click here for more course information.

WB11	Jacqueline Messing	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

ANTH689A

Special Problems in Anthropology

ANTH689A Special Problems in Anthropology; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH689C

Special Problems in Anthropology; Language and Culture

ANTH689C Special Problems in Anthropology: Language and Culture; (3 credits) Grade Method: REG/S-F.

Also offered as ANTH469C Click here for more information.

WB11	Jacqueline Messing	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

ANTH689D

Special Problems in Anthropology; GIS for Anthropologists

ANTH689D Special Problems in Anthropology: GIS for Anthropologists; (3 credits) Grade Method: REG/S-F.

[Click here for more course information.](#)

WB11	Adrienne Allegretti	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

ANTH788 **Internship Research**

ANTH788 (*PermReq*) **Internship Research; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARCH **Architecture** **Winter 2013**

ARCH678I **Selected Topics in Architecture; Building Information Modeling Professional Practice: Visual Communication and Collaboration**

ARCH678I Selected Topics in Architecture: Building Information Modeling Professional Practice: Visual Communication and Collaboration; (3 credits) Grade Method: REG/AUD.

This course explores a possible path for engaging contemporary issues of Building Information Modeling in contemporary digital professional practice. This course will develop the skills and ideas that contemporary architectural practitioners must employ to prepare for this new digital practice that is based on a modeled construction of architectural assemblages that transcends previous definitions of convention in design and construction representation. Saturday session to be held Ayers Saint Gross, 1040 Hull Street, Suite 100 Baltimore, MD 21230.

0101	Kristen Ambrose	Seats (Total: 20)
	MTuWTh 6:30pm - 9:00pm	ARC 1115
	Sa 9:00am - 4:00pm	Location: TBA

ARCH679 **Independent Studies in Architecture**

ARCH679 Independent Studies in Architecture; (1-4 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARCH799 Master's Thesis Research

ARCH799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARHU Arts and Humanities Winter 2013

ARHU369C Special Topics in Study Abroad III; Chilean Literature, Democracy, and Social Change
Contact department for information to register for this course.

ARHU788A Profession Development Seminar; Learning Outcomes Assessment

ARHU788A Profession Development Seminar: Learning Outcomes Assessment; (1 credit) Grade Method: REG/AUD.
Class meets 01/11/12 and 01/18/12.

0101	Laura Rosenthal	Seats (Total: 15)
	F 8:30am - 5:00pm	TWS 3134

ARTH Art History & Archaeology Winter 2013

ARTH201 Art and Society in the West from the Renaissance to the Present

ARTH201 Art and Society in the West from the Renaissance to the Present; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies. Examines representative European and American works of art from the later Middle Ages to the present, highlighting the dynamic exchange between artistic and cultural traditions both within periods and across time.

0101	Suzie Kim	Seats (Total: 30)
	MTuWTh 9:00am - 12:30pm	ASY 3211

ARTH346 Nineteenth-Century European Art from 1850

ARTH346 Nineteenth-Century European Art from 1850; (3 credits) Grade Method: REG/P-F/AUD.

Major trends from Realism and Impressionism to Symbolism, exploring the historical context, in which concepts of gender, class, and race are integral to the transformation of Western art. [Click here for more course information.](#)

0101	Caroline Shields	Seats (Total: 30)
	MTuWThF 9:00am - 12:00pm	ASY 3217

ARTH389A **Special Topics in Art History and Archaeology; The Art of Drawing: A Left and Right Brain Experience**

ARTH389A Special Topics in Art History and Archaeology: The Art of Drawing: A Left and Right Brain Experience; (3 credits) Grade Method: REG/P-F/AUD.
[Click here for more course information.](#)

0101	Beryl Bland	Seats (Total: 10)
	MTuWThF 12:00pm - 3:00pm	ASY 3217

ARTH389Y **Special Topics in Art History and Archaeology; Baroque Rome: Art, Architecture and Urban Splendor in the Eternal City**
Contact department for information to register for this course.

ARTT Art Studio Winter 2013

ARTT110 **Elements of Drawing I**

ARTT110 Elements of Drawing I; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.

Formerly ARTS110. Fundamental concepts, media, and processes of drawing. Emphasis on observation and representation in combination with individual expression. Subject matter includes still life, human figure, nature, the built environment, and conceptual projects. Students must pay a \$40.00 studio lab fee.

0101	Dawn Gavin	Seats (Total: 18)
	MTuWThF 9:00am - 2:00pm	ASY 2317

ARTT150 **Introduction to Art Theory**

ARTT150 Introduction to Art Theory; (3 credits) Grade Method: REG/P-F/AUD.
CORE History or Theory of Arts (HA) Course. GenEd: Distributive Studies -
Humanities.

Fundamental concepts of global, philosophic, and critical art theory examined through various historic and contemporary texts, and the analysis of works of art. Field trips listed in syllabus.

0101	Richard Klank	Seats (Total: 15)
	MTuWThF 9:00am - 12:00pm	ASY 2309

ARTT210 **Elements of Drawing II**

ARTT210 Elements of Drawing II; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: ARTT110. Continuation of ARTT110 with additional emphasis on color, figure drawing, and contemporary issues. Students must pay a \$40.00 studio lab fee.

0101	Dawn Gavin	Seats (Total: 10)
	MTuWThF 9:00am - 2:00pm	ASY 2317

ARTT343 **Elements of Printmaking: Screen Printing**

ARTT343 Elements of Printmaking: Screen Printing; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: ARTT200, ARTT210, and ARTT150; or permission of ARHU-Art department. Concepts and fundamental processes related to silkscreen printing. Students must pay a \$40.00 studio lab fee.

0101	Justin Strom	Seats (Total: 12)
	MTuWThF 10:00am - 3:00pm	ASY 1317 Lab

ARTT418 **Advanced Drawing Studio; Advanced Drawing**

ARTT418 Advanced Drawing Studio: Advanced Drawing; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: ARTT210. Students must pay a \$40.00 studio lab fee.

0101	Dawn Gavin	Seats (Total: 10)
	MTuWThF 9:00am - 2:00pm	ASY 2321

ARTT448E Advanced Printmaking Studio

ARTT448E Advanced Printmaking Studio; (3 credits) Grade Method: REG/P-F/AUD.

Students must pay a \$40.00 studio lab fee.

0101	Justin Strom	Seats (Total: 4)	
	MTuWThF 10:00am - 3:00pm	ASY 1317	Lab

ARTT468B Seminar on the Interrelationship Between Art and Art Theory; Advanced Issues in Art Theory

ARTT468B Seminar on the Interrelationship Between Art and Art Theory: Advanced Issues in Art Theory; (3 credits) Grade Method: REG/P-F/AUD.

0101	Richard Klank	Seats (Total: 5)	
	MTuWThF 9:00am - 12:00pm	ASY 2309	

ARTT489V Advanced Special Topics in Art; Body Ornamentation: Theory with Studio Component

ARTT489V Advanced Special Topics in Art: Body Ornamentation: Theory with Studio Component; (3 credits) Grade Method: REG/P-F/AUD.

0101	Richard Klank	Seats (Total: 20)	
	MTuWThF 12:30pm - 3:00pm	ASY 2309	

ARTT498 Directed Studies in Studio Art

ARTT498 Directed Studies in Studio Art; (3 credits) Grade Method: REG/P-F/AUD.

Individual Instruction course: contact department or instructor to obtain section number.

There is a \$40.00 studio lab fee for this course.

Contact department for information to register for this course.

ARTT498A Directed Studies in Studio Art

ARTT498A (*PermReq*) Directed Studies in Studio Art; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

There is a \$40.00 studio lab fee for this course.

Contact department for information to register for this course.

ARTT498B**Directed Studies in Studio Art**

ARTT498B (PermReq) Directed Studies in Studio Art; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

There is a \$40.00 studio lab fee for this course.

Contact department for information to register for this course.

ARTT648**Printmaking**

ARTT648 Printmaking; (3 credits) Grade Method: REG/AUD.

There is a \$60.00 studio lab fee for this course.

0101	Justin Strom	Seats (Total: 10)	
	MTuWThF 10:00am - 3:00pm	ASY 1317	Lab

ARTT699A**Directed Graduate Studies in Studio Art**

ARTT699A Directed Graduate Studies in Studio Art; (1-4 credits) Grade Method: REG/AUD.

0105	Dawn Gavin	Seats (Total: 2)	
	Contact instructor or department for details.		

ARTT798B**Directed Graduate Studies in Studio Art**

ARTT798B Directed Graduate Studies in Studio Art; (1-4 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BCHM**Biochemistry****Winter 2013**

BCHM677**Computational Tools in Biochemistry**

BCHM677 Computational Tools in Biochemistry; (1 credit) Grade Method: S-F.
Prerequisite: BCHM674 or BCHM671; or permission of instructor. Restriction: Must be in one of the following programs (Biochemistry (Master's); Biochemistry (Doctoral)) ; or permission of instructor. A practical, hands-on introduction to the application of computational tools that support biochemistry research. Selected topics may include: efficient use of scientific literature databases and the preparation of professional bibliographies; proteomics and mass spectrometry; bioinformatics and genomics programs an database resources; molecular structure visualization and modeling; quatitative data fitting and error analysis; and laboratory research ethics.

0101	Catherine Fenselau	Seats (Total: 20)
	MWF 9:00am - 11:00am	CHM 1224

BIOE Bioengineering Winter 2013

BIOE460 Biotechnology and Bioproduction

BIOE460 Biotechnology and Bioproduction; (3 credits) Grade Method: REG/P-F/AUD.

Restriction: Junior standing or higher. Credit only granted for: BIOE460, BIOE468B, or ENES489Q. Formerly: BIOE468B. Basics of recombinant DNA technology and biopharmaceutical manufacturing.

0101	Ben Woodard	Seats (Total: 20)
	MTuWThF 1:00pm - 2:50pm	CHE 2118
	MTuWThF 3:00pm - 4:00pm	CHE 1203 Lab

BIOM Biometrics Winter 2013

BIOM301 Introduction to Biometrics

BIOM301 Introduction to Biometrics; (3 credits) Grade Method: REG/P-F/AUD.

GenEd: Fundamental Studies - Analytic Reasoning.

Prerequisite: MATH113 or MATH115. Credit only granted for: BIOM301, BMGT230, CCJS200, ECON321, EDMS451, GEOG306, GVPT422, PSYC200, or SOCY201.

Descriptive statistics, introduction to probability, sampling, confidence interval estimation, hypothesis testing, simple regression and correlation. Emphasis on simple applications of statistical techniques and interpretation of statistical results.

0101	Christine Hakenkamp	Seats (Total: 28)	
	MTuWThF 11:00am - 1:00pm	ANS 0408	
	MTuWThF 1:00pm - 2:00pm	ANS 0473	Discussion
0102	Christine Hakenkamp	Seats (Total: 28)	
	MTuWThF 11:00am - 1:00pm	ANS 0408	
	MTuWThF 10:00am - 11:00am	ANS 0473	Discussion
0103	Christine Hakenkamp	Seats (Total: 20)	
	MTuWThF 11:00am - 1:00pm	ANS 0408	
	MTuWThF 1:00pm - 2:00pm	ANS 0408	Discussion
	<i>Students must have their own laptops.</i>		

BMGT Business and Management Winter 2013

BMGT220 Principles of Accounting I

BMGT220 Principles of Accounting I; (3 credits) Grade Method: REG.

Basic theory and techniques of contemporary financial accounting. Includes the accounting cycle and the preparation of financial statements for single owner and partnership forms of business organizations operating as service companies or merchandisers.

0101	Gary Bulmash	Seats (Total: 45)	
	TuWThF 1:30pm - 4:40pm	VMH 1333	

BMGT221 Principles of Accounting II

BMGT221 Principles of Accounting II; (3 credits) Grade Method: REG.

Prerequisite: BMGT220. Basic theory and techniques of accounting for managerial decision making. Involves the introduction of the corporation and manufacturing operations. Includes cost-volume-profit analysis and capital budgeting. Introduces the topics of income taxation and international accounting.

0101	Gregory Pfeiffer	Seats (Total: 45)	
	TuWThF 10:00am - 1:10pm	VMH 1335	

BMGT230 Business Statistics

BMGT230 Business Statistics; (3 credits) Grade Method: REG. GenEd:

Fundamental Studies - Analytic Reasoning.

Prerequisite: MATH113 or MATH115; or must have math eligibility of MATH220 or higher. Restriction: Must not have completed ENCE302, ENME392, STAT400, BMGT231, or ENEE324. Credit only granted for: BIOM301, BMGT230, CCJS200, ECON321, EDMS451, GEOG306, GVPT422, PSYC200 or SOCY201. Introductory course in probabilistic and statistical concepts including descriptive statistics, set-theoretic development of probability, the properties of discrete and continuous random variables, sampling theory, estimation, hypothesis testing, regression and decision theory and the application of these concepts to problem solving in business and the application of these concepts to problem solving in business and management.

0101	Prem Swaroop	Seats (Total: 35)
	TuWThF 10:00am - 1:10pm	VMH 1336
	Click here for the syllabus.	

BMGT364 Managing People and Organizations**BMGT364 Managing People and Organizations; (3 credits)** Grade Method: REG.

An introduction to selected aspects of human behavior in organizations generally known as organizational behavior (OB). This course is designed to help students develop systematic and fundamental understanding of people and their behaviors in organizations, as well as useful abilities and skills required to effectively and ethically manage various individual, interpersonal, group, and organization-level processes.

0101	James Spina	Seats (Total: 40)
	TuWThF 10:00am - 1:10pm	VMH 1303

BMGT380 Business Law I**BMGT380 Business Law I; (3 credits)** Grade Method: REG.

Legal aspects of business relationships. Examination of torts and business crimes, contracts and agency. The law of personal property and bailment relationships. Survey of public policy issues.

0101	William McClenahan	Seats (Total: 40)
	MTuWThF 10:00am - 12:45pm	VMH 1333

BMGT398B Individual Study in Business and Management; Germany in the New Europe: Politics, Business, and Culture
Contact department for information to register for this course.

BMGT438Q Special Topics in Operations Management; Doing Business in China
Contact department for information to register for this course.

BMGT448N Special Topics in Finance; Doing Business in Nicaragua: Microfinance and Social Value Creation
Contact department for information to register for this course.

BMGT469T Management and Organization Short-term Study Abroad; Doing Business in Thailand: Social Value Creation and Entrepreneurship
Contact department for information to register for this course.

BMGT498E Special Topics in Business and Management; Business of British Design and Culture
Contact department for information to register for this course.

BMGT828 Independent Study in Business and Management
BMGT828 Independent Study in Business and Management; (1-9 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact department for information to register for this course.

BMGT898 Pre-Candidacy Research
BMGT898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.
Contact department for information to register for this course.

BMGT899 Doctoral Dissertation Research
BMGT899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.
Contact department for information to register for this course.

BSCI222**Principles of Genetics**

BSCI222 Principles of Genetics; (4 credits) Grade Method: REG/P-F/AUD.

Prerequisite: CHEM131, CHEM132, BSCI106, and BSCI105. Or BSCI105; and must have completed two semesters of chemistry. Principles and mechanisms of heredity and gene expression. Considers plant, animal, and microbial organisms.

0101	Tammatha O'Brien	Seats (Total: 66)
	MTuWThF 6:00pm - 9:30pm	PLS 1130
	Contact instructor or department for details.	

BSCI338Z**Special Topics in Biology; Field Research**

BSCI338Z Special Topics in Biology: Field Research; (1-3 credits) Grade Method: REG/P-F/AUD.

SG91	Beth Parent	Seats (Total: 5)
	Contact instructor or department for details.	

BSCI342**Biology of Reproduction**

BSCI342 Biology of Reproduction; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: BSCI105; or permission of CMNS-Biological Sciences UG Program. Also offered as: WMST326. Credit only granted for: BSCI342 or WMST326. The biology of the reproductive system with emphasis on mammals and, in particular, on human reproduction. Hormone actions, sperm production, ovulation, sexual differentiation, sexual behavior, contraception, pregnancy, lactation, maternal behavior, and menopause.

0101	Justicia Opoku-Edusei	Seats (Total: 75)
	MTuWThF 10:00am - 1:00pm	BPS 1243

BSCI348R**Special Topics in Cell Biology and Molecular Genetics; Microbiology Internship**

BSCI348R (PermReq) Special Topics in Cell Biology and Molecular Genetics: Microbiology Internship; (1-4 credits) Grade Method: REG/P-F/AUD.

(Sponsoring Dept.: CBMG). An opportunity for students interested in microbiology to pursue a research project in an off-campus lab. The student must see the instructor and complete an information sheet found on the web site, prior to enrolling in the course. Web site: <http://www.life.umd.edu/CBMG/progrms/department/micb388r.html>

IN01	David Straney	Seats (Total: 3)
	Contact instructor or department for details.	

BSCI361

Principles of Ecology

BSCI361 Principles of Ecology; (4 credits) Grade Method: REG/P-F.

Prerequisite: BSCI106; and (MATH130 or MATH140). Basic principles of population, community, and ecosystem ecology. Use of these principles to predict possible consequences of human-caused changes in the environment and to understand the level of uncertainty of those predictions.

0101	David Jennings	Seats (Total: 24)
	MTuWThF 9:00am - 12:30pm	PLS 1146

BSCI379G

Cell Biology and Molecular Genetics Department Research; Research in Cell Biology and Molecular Genetics

Contact department for information to register for this course.

BSCI425

Epidemiology and Public Health

BSCI425 Epidemiology and Public Health; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: BSCI223. History, characteristic features of epidemiology; the important responsibilities of public health; vital statistics.

WB11	Jeffrey Olimpo	Seats (Total: 25)
	MTuWThF 1:00pm - 4:00pm	ONLINE

BSCI446

Neural Systems

BSCI446 Neural Systems; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: BSCI330 or BSCI230. Neural development, followed by sensory, motor and integrative system organization in the central nervous system.

0101	Daphne Soares	Seats (Total: 25)
	MTuWThF 9:00am - 12:00pm	BPS 1232

BSCI493

Medicinal and Poisonous Plants

BSCI493 Medicinal and Poisonous Plants; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: BSCI105; and must have completed CHEM233. Or 4 credits in BSCI courses. A study of plants important to humans that have medicinal or poisonous properties. Emphasis on plant source, plant description, the active agent and its beneficial or detrimental physiological action and effects.

0101	George Bean	Seats (Total: 25)
	MTuWThF 9:00am - 12:00pm	HJP 1216

BSST Terrorism Studies Winter 2013

BSST338C **Special Topics in Terrorism Studies; Australian and Pacific Rim Perspectives on Terrorism and Counterterrorism**
Contact department for information to register for this course.

BSST633 **Research Methods in Terrorism and Counterterrorism**

BSST633 (*PermReq*) **Research Methods in Terrorism and Counterterrorism; (3 credits)** Grade Method: REG.

Credit only granted for: BSOS633 or BSST633. Formerly: BSOS633. Provides students with the opportunity to conduct original research, while exposing them to analytical tools relevant to the study of terrorism. Students will work with a range of data sources on domestic and international terrorism, and will be tasked with using data to test hypotheses related to the causes, behaviors, and/ or impacts of terrorism.

ST01	Nil Satana	Seats (Total: 40)
	Meets December 1, 2012 - February 21, 2013	
	Tu 5:30pm - 8:00pm	ONLINE

BSST638C **Special Topics in Terrorism Studies; Australian and Pacific Rim Perspectives on Terrorism and Counterterrorism**
Contact department for information to register for this course.

BUDT Decision and Information Technologies Winter 2013

BUDT758O **Special Topics in Decision, Operations and Information Technologies; Operations Management for Health Services Organizations**

BUDT7580 Special Topics in Decision, Operations and Information Technologies: Operations Management for Health Services Organizations; (2 credits) Grade Method: REG.

DC01	Sean Barnes	Seats (Total: 40)
	Meets January 3, 2013 - January 12, 2013	
	TuTh 6:00pm - 10:00pm	DC C4
	Sa 10:00am - 6:00pm	DC C4
	<i>Meets 1/3, 1/5, 1/8, 1/10, 1/12.</i>	

BUDT759 Independent Study in Decision and Information Technologies

BUDT759 (PermReq) Independent Study in Decision and Information Technologies; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUFN Finance Winter 2013

BUFN754 Corporate Risk Management

BUFN754 Corporate Risk Management; (2 credits) Grade Method: REG.

Prerequisite: BUSI640. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)).

Surveys the theory and practice of financial risk identification, measurement, and mitigation at financial and non-financial firms. Topics will include hedging with options and futures, interest rate risk management, Value-at-Risk (VaR), Cashflow-at-Risk (CaR), Earnings-at-Risk (EaR), credit risk, equity risk, commodities risk, exchange rate risk, and lessons from risk management disasters.

GS01	Louis Gattis	Seats (Total: 40)
	Meets January 5, 2013 - January 13, 2013	
	SaSu 9:30am - 3:45pm	BLD3 3202
	<i>Meets 1/5, 1/6, 1/12, 1/13.</i>	

BUFN762 Fixed Income Analysis

BUFN762 Fixed Income Analysis; (2 credits) Grade Method: REG.

Prerequisite: BUFN740. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUFN731 or BUFN762. Formerly: BUFN731. Describes important financial instruments which have market values that are sensitive to interest rate movements. Develops tools to analyze interest rate sensitivity and value fixed income securities. Defines and explains the vocabulary of the bond management business.

BA01	Mark Taranto	Seats (Total: 40)
	Meets January 2, 2013 - January 14, 2013	
	MW 6:25pm - 10:00pm	BA 101
	Sa 12:00pm - 5:30pm	BA 101
	<i>Meets 1/2, 1/5, 1/7, 1/9, 1/12, 1/14.</i>	

BUFN770**International Investment****BUFN770 International Investment; (2 credits)** Grade Method: REG.

Prerequisite: BUSI640. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUFN724 or (BUFN770 and BUFN771). Formerly: BUFN724. Addresses international stock markets, portfolio theory, international interest rates, exchange rates and exchange rate derivatives (options, forwards, and futures), exchange rate swaps and exchange rate exposure (operating, translation, and transaction), foreign investment strategy.

DC01	Gurdip Bakshi	Seats (Total: 36)
	Meets January 9, 2013 - January 13, 2013	
	WThFSaSu 10:30am - 4:50pm	DC C2
	<i>Meets 1/9, 1/10, 1/11, 1/12, 1/13.</i>	

BUMK Marketing**Winter 2013****BUMK753****Global Marketing**

BUMK753 Global Marketing; (2 credits) Grade Method: REG.

Prerequisite: BUSI650. Credit only granted for: BMGT753 or BUMK753. Formerly: BMGT753. The environmental, organizational, and financial aspects of global marketing are covered. It also describes the special marketing research, pricing, channels of distribution, product policy, and communication issues which face U.S. firms doing business in global markets.

BA01	Amna Khawaja	Seats (Total: 40)
	Meets January 5, 2013 - January 13, 2013	
	SaSu 9:00am - 4:15pm	BA 102
	<i>Meets 1/5, 1/6, 1/12, 1/13.</i>	

BUMK758I **Special Topics in Marketing; Innovation and Marketing**

BUMK758I Special Topics in Marketing: Innovation and Marketing; (2 credits)

Grade Method: REG.

[Click here for more course information.](#)

GS01	Gaurav Bhalla	Seats (Total: 40)
	Meets January 5, 2013 - January 13, 2013	
	SaSu 9:00am - 4:15pm	BLD2 3032
	<i>Meets 1/5, 1/6, 1/12, 1/13.</i>	

BUMK759 **Independent Study in Marketing**

BUMK759 (PermReq) Independent Study in Marketing; (1-6 credits) Grade

Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUMO Management and Organization Winter 2013

BUMO714 **Competitive and Collaborative Negotiation**

BUMO714 Competitive and Collaborative Negotiation; (2 credits) Grade Method: REG.

Corequisite: Concurrently enrolled in BUMO715. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUMO714 or BMGT764. Formerly: BMGT764. Increase negotiating self-confidence and improve capacity to achieve win-win solutions to organizational problems. Improve effectiveness at finding creative solutions to conflict.

DC06	Martin Sullivan	Seats (Total: 40)
	Meets January 5, 2013 - January 12, 2013	
	TuTh 6:25pm - 10:00pm	DC C3
	Sa 8:30am - 6:00pm	DC C3
	<i>Meets 1/5, 1/8, 1/10, 1/12.</i>	

BUMO758B **Special Topics in Management and Organization; Strategic Alignment of Human Capital**
BUMO758B Special Topics in Management and Organization: Strategic Alignment of Human Capital; (2 credits) Grade Method: REG.

BA01	Neta Moye	Seats (Total: 40)
	Meets January 3, 2013 - January 15, 2013	
	TuTh 6:25pm - 10:10pm	BA 103
	Sa 8:50am - 5:00pm	BA 103
	<i>Meets 1/3, 1/5, 1/10, 1/12, 1/15.</i>	

BUMO758C **Special Topics in Management and Organization; International Entrepreneurship**
BUMO758C Special Topics in Management and Organization: International Entrepreneurship; (2 credits) Grade Method: REG.

DC06	James Sanders	Seats (Total: 42)
	Meets January 5, 2013 - January 13, 2013	
	SaSu 9:00am - 4:15pm	DC C1
	<i>Meets 1/5, 1/6, 1/12, 1/13.</i>	

BUMO759 Independent Study in Management and Organization**BUMO759 Independent Study in Management and Organization; (1-6 credits)**

Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUMO767 Cross-Cultural Communication and Teamwork**BUMO767 Cross-Cultural Communication and Teamwork; (2 credits)** Grade

Method: REG.

Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)) ; or permission of BMGT-Robert H. Smith School of Business. Credit only granted for: BUSI667 or BUMO767. Formerly: BUSI667. Provide managers a sound basis for developing such competencies. Specifically, we will develop an understanding of key cultural differences, and how these differences influence the management of individuals, groups, and organizations. Meets 1/3, 1/5, 1/8, 1/10, 1/12.

DC01	Hui Liao	Seats (Total: 40)
	Meets January 3, 2013 - January 12, 2013	
	TuTh 6:25pm - 10:00pm	DC C5
	Sa 8:50am - 5:00pm	DC C5

CBMG Cell Biology & Molecular Genetics Winter 2013**CBMG899 Doctoral Dissertation Research****CBMG899 Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG/S-F.

0155	Volker Briken	Seats (Total: 1)
	Contact instructor or department for details.	

CCJS Criminology and Criminal Justice Winter 2013**CCJS100 Introduction to Criminal Justice**

CCJS100 Introduction to Criminal Justice; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.

Introduction to the administration of criminal justice in a democratic society, with emphasis on the theoretical and historical development of law enforcement. The principles of organization and administration for law enforcement; functions and specific activities; planning and research; public relations; personnel and training; inspection and control; direction; policy formulation.

0101	Arnett Gaston	Seats (Total: 50)
	MTuWTh 9:00am - 12:30pm	TYD 1102

CCJS300

Criminological and Criminal Justice Research Methods

CCJS300 (PermReq) Criminological and Criminal Justice Research Methods; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.

Prerequisite: CCJS100 and CCJS105; and (PSYC200, CCJS200, ECON321, BMGT230, or SOCY201). Introduction to the formulation of research questions covering crime and justice, research designs, data collection, and interpretation and reporting in criminological and justice-system settings. Prerequisites: CCJS100 and CCJS105 and one of the following: CCJS200 or SOCY201 or PSYC200 or ECON321 or BMGT320.

0101	Alan Lehman	Seats (Total: 18)
	MTuWTh 1:00pm - 4:30pm	LEF 0214
0102	Laure Brooks	Seats (Total: 18)
	MTuWTh 9:00am - 12:30pm	LEF 2166

CCJS340

Policing

CCJS340 (PermReq) Policing; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: CCJS100; or students who have taken courses with similar or comparable course content may contact the department. Critical issues relating to policing. Topics include police discretion, role of police, use of force, misconduct, police research, administration, personnel, and etc.

0101	Laure Brooks	Seats (Total: 30)
	MTuWTh 1:00pm - 4:30pm	LEF 2166

CCJS359 **Field Training in Criminology and Corrections**

CCJS359 (*PermReq*) **Field Training in Criminology and Corrections; (1-6 credits)**

Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Prerequisites: (CCJS 105 or CRIM 220) and (CCJS 350 or CRIM 450), majors only and permission of department.

Contact department for information to register for this course.

CCJS398 **Law Enforcement Field Training**

CCJS398 (*PermReq*) **Law Enforcement Field Training; (1-6 credits)** Grade Method:

REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Prerequisite: junior standing. Majors only.

Contact department for information to register for this course.

CCJS452 **Treatment of Criminals and Delinquents**

CCJS452 (*PermReq*) **Treatment of Criminals and Delinquents; (3 credits)** Grade Method: REG/P-F/AUD.

Prerequisite: CCJS300. And CCJS350 or CCJS105; or permission of BSOS-Criminology & Criminal Justice department. Processes and methods used to modify criminal and delinquent behavior.

0101	Arnett Gaston	Seats (Total: 40)
	MTuWTh 1:00pm - 4:30pm	TYD 1102

CCJS498R **Selected Topics in Criminology and Criminal Justice; Human Trafficking**

CCJS498R Selected Topics in Criminology and Criminal Justice: Human

Trafficking; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences; Signature Courses - I-Series.

WB11	Christine Roberts White	Seats (Total: 45)
	Class time/details on ELMs	ONLINE

CCJS600 **Criminal Justice**
Contact department for information to register for this course.

CCJS651 **Seminar in Criminology**
CCJS651 Seminar in Criminology; (3 credits) Grade Method: REG/AUD.
Formerly: CRIM651. Analysis of significant recent issues in Criminology.

CH01	Sally Simpson	Seats (Total: 32)
Contact instructor or department for details.		

CCJS678B **Advanced Topics in Criminology and Criminal Justice; International Economics**
Contact department for information to register for this course.

CCJS680 **Drugs and Crime**
Contact department for information to register for this course.

CHEM	Chemistry	Winter 2013
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CHEM399A **Introduction to Chemical Research; Undergraduate Research**
CHEM399A Introduction to Chemical Research: Undergraduate Research; (1 credit) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact department for information to register for this course.

CHEM399B **Introduction to Chemical Research; Undergraduate Research**
CHEM399B Introduction to Chemical Research: Undergraduate Research; (2 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact department for information to register for this course.

CHEM611 **Professional Skills for New Graduate Students**

CHEM611 Professional Skills for New Graduate Students; (1 credit) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Restriction: Must be in one of the following programs (Chemistry (Master's); Biochemistry (Master's); Biochemistry (Doctoral); Chemistry (Doctoral)) ; and Must be a new graduate student. Covers a wide range of topics in professional development for new graduate students.

Contact department for information to register for this course.

CHEM612 Scientific Presentations

CHEM612 Scientific Presentations; (1 credit) Grade Method: S-F.

Prerequisite: CHEM611. Workshops will cover all aspects of giving scientific presentations. Each student will give a presentation based on the topic of his/her final paper in CHEM611. Presentations will be critiqued by peers and faculty members.

0101	Lyle Isaacs	Seats (Total: 40)
	MTuWThF 10:00am - 10:50am	CHM 1228

CHEM640 Problems in Organic Reaction Mechanisms

CHEM640 Problems in Organic Reaction Mechanisms; (1 credit) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

A tutorial type course dealing with the basic description of the fundamentals of writing organic reaction mechanisms.

Contact department for information to register for this course.

CLAS Classics Winter 2013

CLAS170 Greek and Roman Mythology

CLAS170 Greek and Roman Mythology; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. GenEd: Distributive Studies - Humanities.

Also offered as: RELS170. Credit only granted for: CLAS170 or RELS170. Additional information: This course cannot be taken for language credit. An introduction to the mythology of ancient Greece and Rome. This course is particularly recommended for students planning to major in foreign languages, English, history, the fine arts, or journalism. Taught in English.

WB11	Gregory Staley	Seats (Total: 60)
	Class time/details on ELMs	ONLINE

CLAS308G **The Classics in Context; The Ancient Roman City: Pompeii and Beyond**
 Contact department for information to register for this course.

CLFS Chemical and Life Sciences Winter 2013

CLFS608 **Seminar in Current Topics in Chemical and Life Science**
CLFS608 (PermReq) Seminar in Current Topics in Chemical and Life Science; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
 Contact Dr. Brett Kent (bkent@umd.edu) to establish a mentor; and then contact the Office of Extended Studies (oes@umd.edu) to register for this class.
 Contact department for information to register for this course.

CLFS608A **Seminar in Current Topics in Chemical and Life Science; Independent Research**
CLFS608A (PermReq) Seminar in Current Topics in Chemical and Life Science: Independent Research; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
 Contact the Office of Extended Studies (oes@umd.edu) to register for this class.
 Contact department for information to register for this course.

CLFS609B **Special Topics; The Biology of Reproduction**
CLFS609B Special Topics: The Biology of Reproduction; (3 credits) Grade Method: REG/AUD.

PL01	Janet Norcross, Bruce Cushing	Seats (Total: 19)
	Meets November 26, 2012 - February 15, 2013	
	Class time/details on ELMs	ONLINE

CLFS609C **Special Topics; Emerging Infectious Diseases**
CLFS609C Special Topics: Emerging Infectious Diseases; (3 credits) Grade Method: REG/AUD.

PL01	Robert Hall	Seats (Total: 25)
	Meets November 26, 2012 - February 15, 2013	
	Class time/details on ELMs	ONLINE

CLFS609F Special Topics; Principles of Paleobiology

CLFS609F Special Topics: Principles of Paleobiology; (3 credits) Grade Method: REG/AUD.

PL01	Bretton Kent	Seats (Total: 7)
	Meets November 26, 2012 - February 15, 2013	
	Class time/details on ELMs	ONLINE

CLFS619B Special Topics in Chemistry; Environmental Chemistry

CLFS619B Special Topics in Chemistry: Environmental Chemistry; (3 credits) Grade Method: REG/AUD.

PL01	Debra Boehmler	Seats (Total: 20)
	Meets November 26, 2012 - February 15, 2013	
	Class time/details on ELMs	ONLINE

CLFS630 Principles of Transmission Genetics: A Historical and Modern Perspective

CLFS630 Principles of Transmission Genetics: A Historical and Modern Perspective; (3 credits) Grade Method: REG/AUD.

Examines the origins of modern genetics, model genetic systems, and the role of chromosomes in vertical transmission of genetic information from parent to offspring. Classical gene mapping, population genetics and the various applications of modern genetics will also be studied.

PL01	Nancy Trun	Seats (Total: 19)
	Meets November 26, 2012 - February 15, 2013	
	Class time/details on ELMs	ONLINE

CLFS640**Human Physiology**

CLFS640 Human Physiology; (3 credits) Grade Method: REG/AUD.

Prerequisite: Two years of teaching experience; and CLFS510. Restriction: Must be in Master of Chemical & Life Sciences (Master's) program; and permission of CMNS-Chemical & Life Sciences department. Examination of the major organ system of the human body and of the neural and hormonal mechanisms responsible for their regulation and control.

PL01	John Kapp, William Higgins	Seats (Total: 11)
	Meets November 26, 2012 - February 15, 2013	
	Class time/details on ELMs	ONLINE

CLFS660**Biodiversity and Conservation Biology**

CLFS660 Biodiversity and Conservation Biology; (3 credits) Grade Method: REG/AUD.

Application of ecological and evolutionary principles to assess the impact of the human species on the environment and its inhabitants. Specific case studies are included to illustrate problems of biodiversity loss and actions required to reverse the trends.

PL01	Dale Bottrell	Seats (Total: 13)
	Meets November 26, 2012 - February 15, 2013	
	Class time/details on ELMs	ONLINE

CLFS725**Experimental Design**

CLFS725 Experimental Design; (2 credits) Grade Method: REG/AUD.

Credit only granted for: LFSC710, LFSC719, or LFSC725. Formerly: LFSC719.

Experimental design and statistics for science teachers that emphasizes the underlying structure of data and how this affects the quality and reliability of experiments. Examines the nature of data, the methods for designing rigorous experiments, important experimental design formats, and the relationships between data structure and analysis. Course work focuses on the design and analysis of original experiments for a series of research problems.

PL01	Bretton Kent	Seats (Total: 8)
	Meets November 26, 2012 - February 15, 2013	
	Class time/details on ELMs	ONLINE

CMLT **Comparative Literature** **Winter 2013**

CMLT270 **Global Literature and Social Change**

CMLT270 Global Literature and Social Change; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies. Comparative study of literature through selected literary works from several non-Western cultures, viewed cross-culturally in light of particular social, political, and economic perspectives.

WB11	Ellen Moll	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

CMLT498C **Selected Topics in Comparative Studies; Chile: Chilean Literature, Democracy and Social Change**
 Contact department for information to register for this course.

CMSC **Computer Science** **Winter 2013**

CMSC198J **Special Topics in Computer Science for Non-Majors; Introduction to Computer Programming for Non-Majors Using JavaScript**

CMSC198J Special Topics in Computer Science for Non-Majors: Introduction to Computer Programming for Non-Majors Using JavaScript; (3 credits) Grade Method: REG/P-F/AUD.
 Click here for more course information.

0101	Nelson Padua-Perez	Seats (Total: 40)
	MTuWThF 2:00pm - 5:00pm	CSI 1121

CMSC389J **Special Topics in Computer Science; Introduction to Advanced Javascript**
CMSC389J Special Topics in Computer Science: Introduction to Advanced Javascript; (1 credit) Grade Method: REG/P-F/AUD.

0101	Nelson Padua-Perez	Seats (Total: 60)
	MTuWThF 9:30am - 10:30am	CSI 3117

CMSC389M Special Topics in Computer Science; Revealing Stealth Malware

CMSC389M Special Topics in Computer Science: Revealing Stealth Malware; (1 credit) Grade Method: REG/P-F/AUD.

0101	Xeno Kovah	Seats (Total: 40)
	MTu 5:30pm - 7:00pm	CSI 1122
	Th 5:30pm - 8:00pm	CSI 1122

CMSC389T Special Topics in Computer Science; Advanced Discrete Structures

CMSC389T Special Topics in Computer Science: Advanced Discrete Structures; (1 credit) Grade Method: REG/P-F/AUD.

0101	William Gasarch	Seats (Total: 30)
	MTuWThF 1:00pm - 1:50pm	CSI 1122

CMSC798 Graduate Seminar in Computer Science

CMSC798 Graduate Seminar in Computer Science; (1 credit) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC898 Pre-Candidacy Research

CMSC898 Pre-Candidacy Research; (1 credit) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC899 Doctoral Dissertation Research

CMSC899 Doctoral Dissertation Research; (1 credit) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM107 Oral Communication: Principles and Practices**COMM107 Oral Communication: Principles and Practices; (3 credits)** Grade

Method: REG/P-F. GenEd: Fundamental Studies - Oral Communications.

Credit only granted for: ARCH403, COMM107, COMM200, ENES143, HLTH420, INAG110, JOUR130 or THET285. A study of and practice in oral communication, including principles of interviewing, group discussion, listening, informative briefings, and persuasive speeches.

0101	Leysan Khakimova	Seats (Total: 24)
	MTuWTh 9:00am - 12:30pm	SKN 1115

COMM200 Critical Thinking and Speaking**COMM200 Critical Thinking and Speaking; (3 credits)** Grade Method: REG/P-

F/AUD. CORE Humanities (HO) Course. GenEd: Fundamental Studies - Oral Communications.

Credit only granted for: ARCH403, COMM107, COMM200, ENES143, HLTH420, INAG110, JOUR130, OR THET285. Theory and practice of persuasive discourse analysis and composition. Research techniques, logical and rhetorical conceptions of argument, and technical principles for persuading in public venues.

0101	Jade Olson	Seats (Total: 25)
	MTuWTh 5:00pm - 8:30pm	SKN 0104

COMM288 Communication Internship**COMM288 (PermReq) Communication Internship; (1-6 credits)** Grade Method:

REG/P-F/AUD.

IN01	Julie Gowin	Seats (Total: 10)
	Contact instructor or department for details.	

COMM324 Communication and Gender

COMM324 Communication and Gender; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course. GenEd: Diversity - Understanding Plural Societies. The creation of images of male and female, and masculine and feminine, through communication, the differences in male and female communication behaviors and styles, and the implications of those images and styles for male-female transactions.

0101	Alyssa Samek	Seats (Total: 35)
	MTuWTh 1:00pm - 4:30pm	KEY 0125

COMM350 Public Relations Theory

COMM350 Public Relations Theory; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: COMM231 or COMM250. Restriction: Must be in Communication program. Credit only granted for: COMM350 or COMM430.* The historical development and contemporary status of public relations in business, government, associations and other organizations. Application of communication theory and social science methods to the research, planning, communication and evaluation aspects of the public relations process.

0101	Melissa Janoske	Seats (Total: 35)
	MTuWTh 1:00pm - 4:30pm	SKN 0104

COMM382 Essentials of Intercultural Communication

COMM382 Essentials of Intercultural Communication; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course. GenEd: Diversity - Cultural Competency. *Credit only granted for: COMM382 or COMM482.* Introduction of major theories and concepts of intercultural communication; examination of processes that make up cultural differences; and use of intercultural communication competence skills.

WB11	Meina Liu	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

COMM386 Experiential Learning

COMM386 (PermReq) Experiential Learning; (3-6 credits) Grade Method: REG/P-F. GenEd: Distributive Studies - Scholarship in Practice. Individual Instruction course: contact department or instructor to obtain section number.

Prerequisite: Permission of ARHU-Communication department. Restriction: Junior standing or higher; and must be in Communication program. Supervised internship experience with communication professionals. Relation of academic training to professional experience. Hours are completed at internship site.

Contact department for information to register for this course.

COMM388 Communication Practicum

COMM388 (PermReq) Communication Practicum; (1-3 credits) Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM398A Selected Topics in Communication; Visual Communication & Culture

COMM398A Selected Topics in Communication: Visual Communication & Culture; (3 credits) Grade Method: REG.

0101	William Lawson	Seats (Total: 35)
	MTuWTh 5:00pm - 8:30pm	KEY 0126

COMM401 Interpreting Strategic Discourse

COMM401 Interpreting Strategic Discourse; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: COMM250. Restriction: Must be in Communication program. Principles and approaches for practical analysis of discourse designed to shape audience opinion.

0101	Jon Hoffman	Seats (Total: 35)
	MTuWTh 9:00am - 12:30pm	KEY 0102

COMM489 Topical Research; Topical Research

COMM489 Topical Research: Topical Research; (3 credits) Grade Method: REG/P-F/AUD.

0106

Leah Waks

Seats (Total: 5)

Contact instructor or department for details.

COMM798

Independent Study

COMM798 Independent Study; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM898

Pre-Candidacy Research

COMM898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM899

Doctoral Dissertation Research

COMM899 Doctoral Dissertation Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CONS

Sustainable Development & Conservation Biology

Winter 2013

CONS609I

Special Topics in Conservation Biology; Special Topics in Conservation Biology: Internship

CONS609I Special Topics in Conservation Biology: Special Topics in Conservation Biology: Internship; (1 credit) Grade Method: REG/S-F.

IN01

Karen Lips

Seats (Total: 50)

Contact instructor or department for details.

CONS798

Research Papers in Sustainable Development and Conservation Biology

CONS798 Research Papers in Sustainable Development and Conservation Biology; (1-4 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CPSP**College Park Scholars Program****Winter 2013**

CPSP239J**Practicum: Internship; Individual Practicum: Media, Self, and Society**

CPSP239J Practicum: Internship: Individual Practicum: Media, Self, and Society; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CPSP239P**Practicum: Internship; Public Leadership**

CPSP239P Practicum: Internship: Public Leadership; (1-3 credits) Grade Method: REG/P-F/AUD.

IN01

Nina Harris

Seats (Total: 5)

Contact instructor or department for details.

CPSP279K**Practicum: Study Abroad; London and the British Empire, 1500-1850**

Contact department for information to register for this course.

CPSP379A**Advanced Practicum: Study Abroad; Global Immersion: Australia**

Contact department for information to register for this course.

CPSP379E**Advanced Practicum: Study Abroad; El Salvador's Children: Risk, Poverty and Education**

Contact department for information to register for this course.

CPSP379P**Advanced Practicum: Study Abroad; Morocco: Culture and Human Rights- A Public Leadership Perspective**

Contact department for information to register for this course.

ECON**Economics****Winter 2013**

ECON200**Principles of Micro-Economics**

ECON200 Principles of Micro-Economics; (4 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.

Prerequisite: MATH110; or must have math eligibility of MATH111 or higher.

Additional information: It is recommended that students complete ECON200 before taking ECON201. Introduces economic models of the behavior of individual consumers and business firms, problems of international trade, the distribution of income, policies for eliminating poverty and discrimination, the problems of environmental pollution, and the impact of different market structures upon economic activity.

WB11	Erin Moody	Seats (Total: 45)
	Class time/details on ELMs	ONLINE

ECON201 **Principles of Macro-Economics**

ECON201 Principles of Macro-Economics; (4 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.

Prerequisite: MATH110; or must have math eligibility of MATH111 or higher.

Recommended: ECON200. Credit only granted for: ECON201 or ECON205. An introduction to the problems of unemployment, inflation, and economic growth. Emphasis on roles of monetary and fiscal policy in the conduct of macroeconomic policy.

0101	Matija Jancec	Seats (Total: 40)
	MTuWTh 11:00am - 3:10pm	TYD 0102

ECON300 **Methods and Tools for Economic Analysis**

ECON300 (PermReq) Methods and Tools for Economic Analysis; (3 credits)

Grade Method: REG/P-F/AUD.

Prerequisite: Minimum grade of C- in ECON201 and ECON200; and 1 course with a minimum grade of C- from (MATH220, MATH140). Restriction: Must be in a major within BSOS-Economics department; and permission of BSOS-Economics department; and must not have completed MATH240 or MATH241. Covers several mathematics techniques and demonstrates their application to a wide variety of models and problems in both microeconomic and macroeconomic analysis. Reviews concepts from algebra and elementary calculus and introduces components of multivariable calculus, linear algebra and differential equations.

0101	Burak Turkgulu	Seats (Total: 40)
	MTuWTh 1:00pm - 4:10pm	TYD 1114

ECON321**Economic Statistics**

ECON321 Economic Statistics; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: Minimum grade of C- in ECON201 and ECON200; and 1 course with a minimum grade of C- from (MATH140, MATH220, MATH130). Recommended: STAT100. Restriction: Must be in a major within BSOS-Economics department. And must not have completed BMGT231 or BMGT230; or permission of BSOS-Economics department. Credit only granted for: BIOM301, BMGT230, CCJS200, ECON321, EDMS451, GEOG306, GVPT422, PSYC200 or SOCY201. Introduction to the use of statistics in economics. Topics include: Probability, random variables and their distributions, sampling theory, estimation, hypothesis testing, analysis of variance, regression analysis and correlation.

0101	John Leon Diaz	Seats (Total: 40)
	MTuWTh 2:30pm - 5:40pm	TYD 1132

ECON325**Intermediate Macroeconomic Analysis**

ECON325 Intermediate Macroeconomic Analysis; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: Minimum grade of C- in ECON300. Restriction: Must be in a major within BSOS-Economics department. Credit only granted for: ECON305 (not accepted for major requirements) or ECON325. Analysis of macroeconomic behavior and policy with emphasis on theoretical rigor. Topics include the determinants of economic growth, unemployment, inflation, and international economic flows.

0101	Alvaro Pedraza	Seats (Total: 40)
	MTuWTh 12:30pm - 3:40pm	TYD 2111

ECON326 Intermediate Microeconomic Analysis

ECON326 Intermediate Microeconomic Analysis; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: Minimum grade of C- in ECON300. Restriction: Must be in a major within BSOS-Economics department. Credit only granted for: ECON306 (not accepted for major requirements) or ECON326. Analysis of economic decision-making by individual buyers and sellers, and resulting market outcomes, with emphasis on theoretical rigor. The efficient properties of perfect competition are examined, followed by consideration of market power, externalities, and asymmetric information.

0101	Naomi Utgoff	Seats (Total: 40)
	MTuWTh 9:00am - 12:10pm	TYD 2111

ECON330 Money and Banking

ECON330 Money and Banking; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: ECON201 and ECON200. The structure of financial institutions and their role in the provision of money and near money. Analysis of the Federal Reserve System, the techniques of central banks, and the control of supply of financial assets in stabilization policy. Relationship of money and credit to economic activity and the price level.

0101	Camilo Morales-Jimenez	Seats (Total: 40)
	MTuWTh 9:00am - 12:10pm	TYD 2106

ECON414 Game Theory

ECON414 Game Theory; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: Minimum grade of C- in ECON326. Or ECON306; and permission of BSOS-Economics department. Restriction: Must be in Economics program. Credit only granted for: CMSC474, ECON414, or GVPT399A. Studies the competitive and cooperative behavior that results when several parties with conflicting interests must work together. Learn how to use game theory to analyze situations of potential conflict. Applications are drawn from economics, business, and political science.

0101	Hei Chan	Seats (Total: 40)
	MTuWTh 10:00am - 1:10pm	TYD 1132

ECON416 Theory of Economic Development

ECON416 Theory of Economic Development; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: Minimum grade of C- in ECON321. And minimum grade of C- in ECON325; or (ECON305; and permission of BSOS-Economics department).

Restriction: Must be in Economics program. Credit only granted for: ECON315 or ECON416. Economic theory of the developing nations; role of innovation, capital formation, resources, institutions, trade and exchange rates, and governmental policies.

0101	Brian Quistorff	Seats (Total: 40)
	MTuWTh 10:00am - 1:10pm	TYD 1101

ECON422 Econometrics I

ECON422 Econometrics I; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: 1 course with a minimum grade of C- from (STAT400, ECON321).

Restriction: Must be in Economics program. Emphasizes the interaction between economic problems and the assumptions employed in statistical theory. Formulation, estimation, and testing of economic models, including single variable and multiple variable regression techniques, theory of identification, and issues relating to inference.

0101	Haishan Yuan	Seats (Total: 40)
	MTuWTh 2:30pm - 5:40pm	TYD 0101

ECON424 Computer Methods in Economics

ECON424 Computer Methods in Economics; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: Minimum grade of C- in ECON321, ECON325, and ECON326. Or minimum grade of C- in ECON321, ECON305, and ECON306; and permission of BSOS-Economics department. Restriction: Must be in a major within BSOS-Economics department. Database development from Internet and other sources, research methods, and statistical analysis in economics using EXCEL and SAS.

0101	Yichen Zhou	Seats (Total: 38)
	MTuWTh 1:00pm - 4:15pm	LEF 0229

ECON507

Topics in Applied Macroeconomics

ECON507 Topics in Applied Macroeconomics; (3 credits) Grade Method: REG/AUD.

Restriction: Must be in M.Prof.Studies: Applied Economics program; or permission of BSOS-Economics department. Focus is on applied macroeconomic models used by federal agencies to explain and predict economic behavior. Course emphasizes macroeconomic data: NIPA accounts, GDP, construction and application of CPI, labor force data and economic indicators. Students will also study a selected set of current macroeconomic topics including models of economic growth, economic fluctuations, monetary policy, inflation and financial markets.

PR01	John Kitchen	Seats (Total: 30)
	Meets November 26, 2012 - February 22, 2013	
	M 6:30pm - 9:15pm	Location: TBA
	<i>Meets in Hemisphere A of the Ronald Reagan Building in DC. Restricted to students in the Department of Economics' Professional Program.</i>	

ECON522

Empirical Analysis II: Introduction to Economic Models

ECON522 Empirical Analysis II: Introduction to Economic Models; (3 credits) Grade Method: REG/AUD.

Prerequisite: ECON521. The application of econometric methods to empirical problems in economics and public policy analysis, emphasizing single variable and multiple variable regression analysis and forecasting, time series data and decision analysis.

PR01	Erkan Erdem	Seats (Total: 30)
	Meets November 26, 2012 - February 22, 2013	
	Th 6:30pm - 9:15pm	Location: TBA
	<i>Must be in M.Prof.Studies: Applied Economics program; or permission of SOS-Economics Department</i>	

ECON698

Selected Topics in Economics

ECON698 Selected Topics in Economics; (3 credits) Grade Method: REG/AUD.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ECON898 Pre-Candidacy Research

ECON898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ECON899 Doctoral Dissertation Research

ECON899 (PermReq) Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI Curriculum and Instruction Winter 2013

EDCI432 Issues in the Education of English Language Learners

EDCI432 Issues in the Education of English Language Learners; (3 credits)
Grade Method: REG/P-F/AUD.

Credit only granted for: EDCI432 or EDCI488Q. Formerly: EDCI488Q. Introduction to and analysis of current and historical research, practice, trends, and public policy issues in education as they relate to English language learners in K-12 and other settings.

IHP1	Jeff MacSwan	Seats (Total: 25)
	Class time/details on ELMs	ONLINE
WB11	Jeff MacSwan	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

EDCI463 Reading in the Secondary School

EDCI463 Reading in the Secondary School; (3 credits) Grade Method: REG/P-F/AUD.

Restriction: Minimum cumulative GPA of 2.75; and must be in one of the following programs (Middle School Education; Secondary Educ: Science; Secondary Educ: English Language Arts; Secondary Educ: Mathematics; Secondary Educ: Foreign Languages; Secondary Educ: Social Studies; Secondary Educ: Art) ; and Permission of department required for post-baccalaureate students. Provides secondary school teachers with understanding the need for and approaches to teaching students to read and learn from content area texts.

0101	Wayne Slater	Seats (Total: 30)
	MTuWThF 9:00am - 12:00pm	EDU 2119

EDCI798 Special Problems in Teacher Education

EDCI798 Special Problems in Teacher Education; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI898 Pre-Candidacy Research

EDCI898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

0132	Jeff MacSwan	Seats (Total: 5)
	Contact instructor or department for details.	
0135	David Imig	Seats (Total: 5)
	Contact instructor or department for details.	
0152	Francine Hultgren	Seats (Total: 5)
	Contact instructor or department for details.	

EDCI899 Doctoral Dissertation Research

EDCI899 (PermReq) Doctoral Dissertation Research; (6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP108B College and Career Advancement: Concepts and Skills; Winterterm Study Skills Program

EDCP108B College and Career Advancement: Concepts and Skills: Winterterm Study Skills Program; (1 credit) Grade Method: REG/P-F/AUD.

Class meets for one week: Jan 7-11. Also offered as a non-credit Workshop: WINT012. For more information, [click here](#).

0101	Beverly Greenfeig	Seats (Total: 50)
	Meets January 7, 2013 - January 11, 2013	
	MTuWThF 9:30am - 12:30pm	TYD 2109

EDCP318A Applied Contextual Leadership; Leadership and Film

EDCP318A Applied Contextual Leadership: Leadership and Film; (3 credits)

Grade Method: REG/P-F/AUD.

This online course asks students to think about leadership in a new way by finding leadership lessons from film. This course will ask students to watch a number of films (including some documentaries) and connect each of the films to leadership readings and personal experience.

WB11	Daniel Ostick	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

EDCP318F Applied Contextual Leadership; Fiji: Adventure Leadership
Contact department for information to register for this course.

EDCP498 Special Problems in Counseling and Personnel Services

EDCP498 Special Problems in Counseling and Personnel Services; (1-3 credits)

Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP612 Multicultural Issues in Counseling and Personnel Services

EDCP612 Multicultural Issues in Counseling and Personnel Services; (3 credits)

Grade Method: REG/AUD.

Restriction: Permission of EDUC-Counseling, Higher Education and Special Education department. Socio-psychological, philosophical, clinical, and research topics related to the provision of counseling and personnel services, academic support, and career development for minority students on predominantly white college and university campuses. Implications of race and/or national origin on opportunities for personal, social, academic, and career development in educational settings.

IHP1	Courtland Lee	Seats (Total: 15)
	Meets January 3, 2013 - January 12, 2012	
	Contact instructor or department for details.	
	<i>Class meets Thursday and Friday, January 5th - 6th, 2012; and Monday through Thursday, January 9th - 12th, 2012. EDCP Outreach course offering. Department permission required.</i>	

EDCP618 Counseling Skills: Introduction to Practicum

EDCP618 Counseling Skills: Introduction to Practicum; (1-6 credits) Grade Method: REG/AUD.

IHP1	Marte Ostvik-De Wilde	Seats (Total: 15)
	Meets January 16, 2012 - January 18, 2013	
	MTuWThF 9:00am - 5:00pm	Location: TBA
	<i>EDCP Outreach course offering. Department permission required.</i>	

EDCP641 School Psychology Seminar: Professional Ethics

EDCP641 School Psychology Seminar: Professional Ethics; (1-2 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Restriction: Must be in the School Psychology program; or permission of instructor. Overviews ethical issues in the specialty of school psychology.

Contact department for information to register for this course.

EDCP715 Appraisal Measures in Counseling

EDCP715 (PermReq) Appraisal Measures in Counseling; (3 credits) Grade Method: REG/AUD.

Prerequisite: EDCP615 and EDMS646; or students who have taken courses with similar or comparable course content may contact the department. Prerequisites: EDCP 615 and EDMS 646 or their equivalents. Interpretation and utilization in counseling of the career interest and personality measures.

0101	Ellen Fabian	Seats (Total: 5)
Contact instructor or department for details.		

EDCP789 Advanced Topics in Counseling and Personnel Services

EDCP789 Advanced Topics in Counseling and Personnel Services; (1-6 credits)

Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP798 Special Problems in Counseling and Personnel Services; Special Problems in Counseling and Personnel Services

EDCP798 (PermReq) Special Problems in Counseling and Personnel Services: Special Problems in Counseling and Personnel Services; (1-6 credits) Grade

Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Individual Instruction course: contact department or instructor to obtain section number for winter term.

Contact department for information to register for this course.

EDCP799 Master's Thesis Research

EDCP799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP888 Apprenticeship in Counseling and Personnel Services

EDCP888 Apprenticeship in Counseling and Personnel Services; (1-8 credits)

Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP889

Internship in Counseling and Personnel Services

EDCP889 Internship in Counseling and Personnel Services; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP898

Pre-Candidacy Research

EDCP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP899

Doctoral Dissertation Research

EDCP899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI

**Education Leadership, Higher Ed
and International Ed**

Winter 2013

EDHI488C

Special Topics in Education Policy and Administration; World Religions and Their Implications for Education

EDHI488C Special Topics in Education Policy and Administration: World Religions and Their Implications for Education; (3 credits) Grade Method: REG/P-F/AUD.

Course will meet January 2, 3, 7, 9, 10, 14. Students develop a basic understanding of world religions, looking at their origins, development, teachings, and primary figures. Students explore the roles, meaning, purpose that education plays in the various religions and examine their implications for education in the 21st century.

0101	Jing Lin	Seats (Total: 20)
	Meets January 2, 2013 - January 17, 2013	
	MWTh 4:00pm - 9:00pm	EDU 2101

EDHI489

Field Experiences in Education

EDHI489 Field Experiences in Education; (1-4 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI677

Ranking System in Higher Education: How They Work and Why They Matter

EDHI677 Ranking System in Higher Education: How They Work and Why They Matter; (3 credits) Grade Method: REG/AUD.

Credit only granted for: EDHI677 or EDHI788W. Formerly: EDHI788W. A critical examination of domestic and international university rankings systems from their historic origins to current day. Students explore the criteria used to identify quality, the methods used to collect data, and the impact of ranking systems on institutional decision-making. Class meets 1/3, 1/4, 1/10, and 1/11. Additionally, the class will also meet on January 17th from 6pm - 9pm. Plus 10 lab hours of independant study.

0101	KerryAnn O'Meara	Seats (Total: 20)
	Meets January 3, 2013 - January 17, 2013	
	ThF 9:00am - 1:00pm	EDU 3233
	ThF 2:00pm - 6:00pm	EDU 3233

EDHI683

World Religions and Their Implications for Education

EDHI683 World Religions and Their Implications for Education; (3 credits) Grade Method: REG/AUD.

Credit only granted for: EDHI683 or EDHI788C. Formerly: EDHI788C. Students develop a basic understanding of world religions, looking at their origins, development, teachings, and primary figures. Students explore the roles, meaning, purpose that education plays in the various religions and examine their implications for education in the 21st century. Course will meet January 2, 3, 7, 9, 10, 14. Students develop a basic understanding of world religions, looking at their origins, development, teachings, and primary figures. Students explore the roles, meaning, purpose that education plays in the various religions and examine their implications for education in the 21st century.

0101	Jing Lin	Seats (Total: 20)
	Meets January 2, 2013 - January 17, 2013	
	MWTh 4:00pm - 9:00pm	EDU 2101

EDHI789 **Doctoral Practicum in Administration and Supervision**

EDHI789 Doctoral Practicum in Administration and Supervision; (1 credit) Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI798 **Special Problems in Education**

EDHI798 (*PermReq*) Special Problems in Education; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI889 **Internship in Education**

EDHI889 Internship in Education; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI899 **Doctoral Dissertation Research**

EDHI899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP	Education, Special	Winter 2013
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EDSP470	Introduction to Special Education
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EDSP470 Introduction to Special Education; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Diversity - Understanding Plural Societies.

Restriction: Must not have completed EDSP210. Credit only granted for: EDSP210 or EDSP470. Designed to give an understanding of the needs of all types of exceptional children.

0101	Agnesanne Danehey	Seats (Total: 40)
	MTuWThF 9:00am - 3:00pm	EDU 1121

EDSP488B **Selected Topics in Teacher Education; El Salvador's Children: Risk, Poverty and Education**
Contact department for information to register for this course.

EDSP498F **Special Problems in Special Education; El Salvador's Children: Risk, Poverty and Education**
Contact department for information to register for this course.

EDSP499E **Workshops, Clinics, and Institutes in Special Education; Academic Assessment**
EDSP499E (PermReq) Workshops, Clinics, and Institutes in Special Education: Academic Assessment; (1 credit) Grade Method: REG/P-F/AUD.
Permission of instructor required. The course will meet on 1/7, 1/8, 1/ 16, 1/17 and 1/18.

0101	Marisa Mitchell	Seats (Total: 20)
	MTuWF 1:00pm - 4:00pm	EDU 0114

EDSP788B **Selected Topics in Special Education; El Salvador's Children: Risk, Poverty and Education**
Contact department for information to register for this course.

EDSP798 **Special Problems in Special Education**
EDSP798 Special Problems in Special Education; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact department for information to register for this course.

EDSP798F **Special Problems in Special Education; El Salvador's Children: Risk, Poverty and Education**
Contact department for information to register for this course.

EDSP799 Master's Thesis Research

EDSP799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP888 Apprenticeship in Special Education

EDSP888 Apprenticeship in Special Education; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP888A Apprenticeship in Special Education; Apprenticeship in College Teaching

EDSP888A Apprenticeship in Special Education: Apprenticeship in College Teaching; (3 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP889 Internship in Special Education

EDSP889 Internship in Special Education; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP898 Pre-Candidacy Research

EDSP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP899 Doctoral Dissertation Research

EDSP899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE Engineering, Civil

Winter 2013

ENCE689 Seminar

ENCE689 Seminar; (1-16 credits) Grade Method: REG/AUD.

0112	Peter Chang	Seats (Total: 1)
Contact instructor or department for details.		

ENCE799 Master's Thesis Research

ENCE799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F.

0108	Ali Haghani	Seats (Total: 2)
Contact instructor or department for details.		

ENCE899 Doctoral Dissertation Research

ENCE899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F.

0108	Ali Haghani	Seats (Total: 2)
Contact instructor or department for details.		

ENCH Engineering, Chemical

Winter 2013

ENCH799 Master's Thesis Research; Masters Thesis Research

ENCH799 Master's Thesis Research: Masters Thesis Research; (1-6 credits)
Grade Method: REG/S-F.

0126	Srinivasa Raghavan	Seats (Total: 5)
Contact instructor or department for details.		

ENCH898 Pre-Candidacy Research

ENCH898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

0106	Mikhail Anisimov	Seats (Total: 5)
Contact instructor or department for details.		

ENCH899 Doctoral Dissertation Research

ENCH899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCO	Engineering, Cooperative Education	Winter 2013
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ENCO098 Co-op/Internship Work Experience; Co-op/Intern Work Experience

ENCO098 Co-op/Internship Work Experience: Co-op/Intern Work Experience; (No credit) Grade Method: S-F.

Participation in a cooperative education (co-op) or internship program combines classroom theory with paid, supervised, career-related work experience that develops technical and professional work skills. Programs are open to undergraduate and graduate students in all majors in the School of Engineering. Undergraduate students must have a 2.0 GPA to participate and graduate students a 3.0 GPA. Contact the Engineering Co-op and Career Services Office for more information.

CP02	Veronica Perrigan	Seats (Total: 10)
Contact instructor or department for details.		

ENEE	Electrical & Computer Engineering	Winter 2013
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ENEE200 Social and Ethical Dimensions of Engineering Technology

ENEE200 Social and Ethical Dimensions of Engineering Technology; (3 credits)
Grade Method: REG/P-F/AUD. CORE Interdisciplinary & Emerging Issues (IE) Course.

Restriction: Sophomore standing or higher. Designed for both engineering and non-engineering students wishing to explore and assess the impact of engineering technology on society and the role of society in generating that technology. Special emphasis is placed on the interplay of diverse and often conflicting personal and collective values in both the development and implementation of new technologies. These subjects touch on many areas of interest including ethics, politics, business, the law, and society.

0101	Wesley Lawson	Seats (Total: 16)
	MTuWThF 10:00am - 12:00pm	CSI 1121
	MTuWThF 1:00pm - 3:00pm	CSI 2107 Discussion

0102	Wesley Lawson	Seats (Total: 16)	
	MTuWThF 10:00am - 12:00pm	CSI 1121	
	MTuWThF 1:00pm - 3:00pm	CSI 2120	Discussion

ENEE488 **Independent Study in Electrical and Computer Engineering**

ENEE488 (*PermReq*) **Independent Study in Electrical and Computer Engineering; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE499 **Senior Projects in Electrical and Computer Engineering**

ENEE499 (*PermReq*) **Senior Projects in Electrical and Computer Engineering; (1-5 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE499L **Senior Projects in Electrical and Computer Engineering; Senior Projects in Electrical and Computer Engineering**

ENEE499L (*PermReq*) **Senior Projects in Electrical and Computer Engineering: Senior Projects in Electrical and Computer Engineering; (1-5 credits)** Grade Method: REG.

0118	Robert Newcomb	Seats (Total: 5)	
	Contact instructor or department for details.		

ENEE799 **Master's Thesis Research**

ENEE799 Master's Thesis Research; (1-6 credits) Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE899 **Doctoral Dissertation Research**

ENEE899 Doctoral Dissertation Research; (1-8 credits) Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENES102 Mechanics I

ENES102 (PermReq) Mechanics I; (3 credits) Grade Method: REG/P-F/AUD.
Corequisite: Concurrently enrolled in MATH140. Restriction: Must be in a major in ENGR-A. James Clark School of Engineering. Formerly: ENES110. The equilibrium of stationary bodies under the influence of various kinds of forces. Forces, moments, couples, equilibrium, trusses, frames and machines, centroids, moment of inertia, beams, friction, stress/strain, material properties. Vector and scalar methods are used to solve problems.

0101	Kevin Calabro, Stephen Kamakaris	Seats (Total: 40)
	MTuWThF 9:00am - 12:00pm	CHE 2118

ENES220 Mechanics II

ENES220 (PermReq) Mechanics II; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ENES102; and (MATH141 and PHYS161). Restriction: Must be in a major in ENGR-A. James Clark School of Engineering; and must not be in Engineering: Electrical program. Stress and deformation of solids-rods, beams, shafts, columns, tanks, and other structural, machine and vehicle members. Topics include stress transformation using Mohr's circle; shear and moment diagrams; derivation of elastic curves; and Euler's buckling formula. Design problems related to this material are given in lab.

0101	Peter Chang	Seats (Total: 42)
	MTuWThF 10:00am - 1:00pm	EGR 0135

ENES232 Thermodynamics

ENES232 (PermReq) Thermodynamics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PHYS261 and PHYS260. Restriction: Must be in a major in ENGR-A. James Clark School of Engineering. Credit only granted for: BIOE232, CHBE300, ENCH300, ENES232, ENMA461, ENME320, or ENME232. Formerly: ENME232 and ENME320. Introduction to thermodynamics. Thermodynamic properties of matter. First and second laws of thermodynamics, cycles, reactions, and mixtures.

0101	Kristen Hines	Seats (Total: 50)
	MTuWThF 9:00am - 1:00pm	CSI 1122

ENES288L **Engineering Leadership Seminar; Global Perspectives of Leadership in Engineering, Business and Technology (Qatar and UAE)**
Contact department for information to register for this course.

ENES435 **Product Liability and Regulation**

ENES435 Product Liability and Regulation; (3 credits) Grade Method: REG/P-F/AUD.

Junior standing. Key topics include, biotechnology, safety regulation, federal preemption, product liability, professional negligence, antitrust, privacy and information technology, risk modeling, environmental protection, patent, copyright, trade secrets, reverse engineering, scientific and technological evidence, international trade, engineering ethics. Examples include plane crashes, computer chip protection, human machine interfaces, nuclear power plants, internet censorship, flood control, earthquakes and biomedical technology. There is no textbook for this course. Students use a comprehensive set of class notes and materials copied at the Engineering copy center and sold at cost.

0101	Vincent Brannigan	Seats (Total: 60)
	MTuWThF 9:00am - 12:00pm	CSI 2117

ENES458A **Topics in International Engineering; Engineers Without Borders: Leadership Seminar**
Contact department for information to register for this course.

ENES458C **Topics in International Engineering; Leadership Seminar-Monitoring_Burkina Faso**
Contact department for information to register for this course.

ENES458I **Topics in International Engineering; Engineers Without Borders-Leadership Seminar**
Contact department for information to register for this course.

ENES458L **Topics in International Engineering; Global Perspectives of Leadership in Engineering, Business and Technology (Qatar and UAE)**
Contact department for information to register for this course.

ENES460 **Fundamentals of Technology Start-Up Ventures**

ENES460 Fundamentals of Technology Start-Up Ventures; (3 credits) Grade

Method: REG/P-F/AUD.

Formerly: ENES489A. Fundamental aspects of creating, organizing, funding, managing, and growing a technology startup venture. This multidisciplinary course will draw on management, business, legal, financial, as well as technical, concepts. Students form teams and develop a business plan for a technology company, based on each team's own business idea and then present the plan to a panel of outside experts.

WB11	James Green	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

ENES463**Strategies for Managing Innovation**

ENES463 Strategies for Managing Innovation; (3 credits) Grade Method: REG/P-F/AUD.

Emphasizes how the technology entrepreneur can use strategic management of innovation and technology to enhance firm performance. Examines the process of technological change, the ways that firms come up with innovations, the strategies that firms use to benefit from innovation, and the process of formulating technology strategy. Provides frameworks for analyzing key aspects of these industries and teaches students how to apply these frameworks.

WB11	Joseph Mortati	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

ENES472**International Business Cultures in Engineering and Technology**

Contact department for information to register for this course.

ENES489Q**Special Topics in Engineering; Biotechnology and Bioproduction**

ENES489Q Special Topics in Engineering: Biotechnology and Bioproduction; (3 credits) Grade Method: REG/P-F/AUD.

Focuses on the basics of recombinant DNA technology as applied to biopharmaceutical manufacturing, in classroom and pilot plant settings. Students will work through a "production campaign" including all key steps of manufacturing a protein product. Also offered as BIOE468B.

0101	Ben Woodard	Seats (Total: 20)	
	MTuWThF 1:00pm - 2:50pm	CHE 2118	
	MTuWThF 3:00pm - 4:00pm	CHE 1203	Lab

ENFP Engineering, Fire Protection Winter 2013

ENFP435 Product Liability and Regulation

ENFP435 Product Liability and Regulation; (3 credits) Grade Method: REG/P-F/AUD.

Restriction: Junior standing or higher. Key topics include, biotechnology, safety regulation, federal preemption, product liability, professional negligence, antitrust, privacy and information technology, risk modeling, environmental protection, patent, copyright, trade secrets, reverse engineering, scientific and technological evidence, international trade, engineering ethics. Examples include plane crashes, computer chip protection, human machine interfaces, nuclear power plants, internet censorship, flood control, earthquakes and biomedical technology. There is no textbook for this course. Students use a comprehensive set of class notes and materials copied at the Engineering copy center and sold at cost. Click here for more course information.

0101	Vincent Brannigan	Seats (Total: 60)	
	MTuWThF 9:00am - 12:00pm	CSI 2117	

ENFP619 Graduate Seminar

ENFP619 Graduate Seminar; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENFP627 Smoke Detection and Management

ENFP627 (PermReq) Smoke Detection and Management; (3 credits) Grade Method: REG.

Prerequisite: ENFP300. Analysis of hazard smoke. Response analysis of smoke detectors based on characteristics of detectors and properties of smoke. Performance characteristics and limitations of smoke management systems. Capabilities and limitations of analytical design aids.

EF01	James Milke	Seats (Total: 40)
	Meets December 3, 2012 - February 12, 2013	
	Class time/details on ELMs	ONLINE

ENFP663 Advanced Fire Risk Modeling

ENFP663 Advanced Fire Risk Modeling; (3 credits) Grade Method: REG/AUD. *Credit only granted for: ENFP629R or ENFP663. Formerly: ENFP629R.* This on-line course addresses the fundamentals of fire risk modeling from both theoretical and applied perspectives.

EF01	Francisco Joglar	Seats (Total: 40)
	Meets December 3, 2012 - February 12, 2013	
	Class time/details on ELMs	ONLINE

ENFP799 Master's Thesis Research

ENFP799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENGL	English	Winter 2013
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ENGL206 Shakespeare

ENGL206 Shakespeare; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. GenEd: Distributive Studies - Humanities. *Credit only granted for: ENGL205, ENGL206, or ENGL289I. Formerly: ENGL205.* Shakespeare's poems, history plays, comedies, and tragedies as investigations into language use, governance, sexuality, ethics, and mortality.

WB11	Kimberly Coles	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

ENGL222 American Literature: 1865 to Present

ENGL222 American Literature: 1865 to Present; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. GenEd: Distributive Studies - Humanities. Surveys American writing from the Civil War through the Cold War. Authors such as Clemens, Frost, Hurston, Bellow.

WB11	Tasos Lazarides	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

ENGL243

What is Poetry?

ENGL243 What is Poetry?; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. GenEd: Distributive Studies - Humanities.

An exploration of arguably the most complex, profound, and ubiquitous expression of human experience. Study through close reading of significant forms and conventions of Western poetic tradition. Poetry's roots in oral and folk traditions and connections to popular song forms.

WB11	Lindsay Bernal	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

ENGL245

Film Form and Culture

ENGL245 Film Form and Culture; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. GenEd: Distributive Studies - Humanities.

Restriction: Must not have completed FILM245. Also offered as: FILM245. Credit only granted for: CMLT214, CMLT245, ENGL245, or FILM245. Formerly: CMLT214.

Introduction to film as art form and how films create meaning. Basic film terminology; fundamental principles of film form, film narrative, and film history. Examination of film technique and style over past one hundred years. Social and economic functions of film within broader institutional, economic, and cultural contexts.

WB11	Paul Cote	Seats (Total: 25)
	Class time/details on ELMs	ONLINE
WB12	Caitlin McGrath	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

ENGL250

Reading Women Writing

ENGL250 Reading Women Writing; (3 credits) Grade Method: REG/P-F/AUD.

CORE Literature (HL) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies.

Also offered as: WMST255. Credit only granted for: ENGL250 or WMST255. Explores literary and cultural expressions by women and their receptions within a range of historical periods and genres. Topics such as what does a woman need in order to write, what role does gender play in the production, consumption, and interpretation of texts, and to what extent do women comprise a distinct literary subculture. Interpretation of texts will be guided by feminist and gender theory, ways of reading that have emerged as important to literary studies over the last four decades.

WB11	Amy Merritt	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

ENGL295

Literature in a Wired World

ENGL295 Literature in a Wired World; (3 credits) Grade Method: REG/P-F/AUD.

CORE Literature (HL) Course. GenEd: Distributive Studies - Humanities.

Credit only granted for: ENGL278W or ENGL295. Formerly: ENGL278W. Introduction to changing nature of books, texts, and narrative in Information Age. Role of book in relation to other media, history of computers and writing, influence of computing on contemporary literature and culture, emerging forms of digital narrative and reading. Practical skills taught range from how to find digital literature and other texts online to using Web media to create literary works.

WB12	Porter Olsen	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

ENGL329B

Special Topics in Film Studies; English Literature on Film in the Twenty-First Century

ENGL329B Special Topics in Film Studies: English Literature on Film in the Twenty-First Century; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: two lower-level English courses, at least one in literature; or permission of department.

WB11	Joseph Byrne	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

ENGL362

Caribbean Literature in English

ENGL362 Caribbean Literature in English; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.

Prerequisite: Two lower-level English courses, at least one in literature; or permission of ARHU-English department. Political and literary traditions that intersect in the fiction, poetry, and drama written in English by Caribbean writers, primarily during the 20th century.

WB11	Merle Collins	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

ENGL369D **Special Topics in Study Abroad III; Australian Literature and Culture, Aboriginal to Contemporary**
Contact department for information to register for this course.

ENGL462 **Folksong and Ballad**

ENGL462 Folksong and Ballad; (3 credits) Grade Method: REG/P-F/AUD.

A cross-section of American folk and popular songs in their cultural contexts; artists from Bill Monroe to Robert Johnson.

0101	Barry Pearson	Seats (Total: 25)
	MTuWThF 9:00am - 12:00pm	TWS 1106

ENME Engineering, Mechanical Winter 2013

ENME361 **Vibration, Controls and Optimization I**

ENME361 Vibration, Controls and Optimization I; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: ENME271 or MATH206. Restriction: Must be in Engineering: Mechanical program. Fundamentals of vibration, controls and optimization. Analysis and design in time, Laplace and frequency domains. Mathematical description of system response, system stability, control and optimization. Optimal design of mechanical systems.

0101	Vincent Nguyen	Seats (Total: 30)
	MTuWThF 10:00am - 1:00pm	EGR 2154

ENME400 **Machine Design**

ENME400 Machine Design; (3 credits) Grade Method: REG/P-F/AUD.

Restriction: Senior standing. Working stresses, stress concentration, stress analysis and repeated loadings. Design of machine elements. Kinematics of mechanisms.

0101	Thomas Beigel	Seats (Total: 40)
	MTuWThF 12:00pm - 3:00pm	EGR 1104
0102	Thomas Beigel	Seats (Total: 30)
	MTuWThF 4:00pm - 7:00pm	EGR 1104

ENME414**Computer-Aided Design****ENME414 Computer-Aided Design; (3 credits)** Grade Method: REG/P-F/AUD.

Prerequisite: MATH241; or students who have taken courses with similar or comparable course content may contact the department. Introduction to computer graphics. Plotting and drawing with computer software. Principles of writing interactive software. The applications of computer graphics in computer-aided design. Computer-aided design project.

0101	Guangming Zhang	Seats (Total: 42)
	MTuWThF 9:00am - 12:00pm	KEB 2111
0102	Guangming Zhang	Seats (Total: 42)
	MTuWThF 12:00pm - 3:00pm	KEB 2111

ENME462**Vibrations, Controls, and Optimization II****ENME462 Vibrations, Controls, and Optimization II; (3 credits)** Grade Method: REG/P-F/AUD.

Prerequisite: ENME351 and ENME361. Formerly: ENME362. Continuation of ENME 361. Fundamentals of vibration, controls, and optimization. Analysis and design in time, Laplace and frequency domains. Mathematical descriptions of system response, system stability, control and optimization. Optimal design of mechanical systems.

0101	Timothy Fitzgerald	Seats (Total: 30)
	MTuWThF 9:00am - 12:00pm	EGR 3106

ENME488**Special Problems**

ENME488 Special Problems; (3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENME489L **Special Topics in Mechanical Engineering; Bio-inspired Robotics**

ENME489L Special Topics in Mechanical Engineering: Bio-inspired Robotics; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: ENME350 or equivalent.

0101	Krishnanand Kaipa Narasimha	Seats (Total: 15)
	MTuWThF 12:00pm - 3:00pm	EGR 1108

ENME799 **Master's Thesis Research**

ENME799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENME808 **Advanced Topics in Mechanical Engineering**

Contact department for information to register for this course.

ENME899 **Doctoral Dissertation Research**

ENME899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENPM Engineering, Professional Masters Winter 2013

ENPM808 **Advanced Topics in Engineering**

ENPM808 Advanced Topics in Engineering; (1-3 credits) Grade Method: REG/AUD.

CP01	George Symos	Seats (Total: 10)
	Contact instructor or department for details.	

EF01	Steven Gwynne, George Syrmos	Seats (Total: 5)
	Meets December 6, 2012 - February 20, 2013	
	Contact instructor or department for details.	

ENSP Environmental Science and Policy Winter 2013

ENSP386 Internship

ENSP386 Internship; (3-6 credits) Grade Method: REG.

Restriction: Must have internship proposal approved by the concentration advisor, the director of ENSP and the student's internship sponsor.

IN01	Bruce James	Seats (Total: 5)
	Contact instructor or department for details.	
IN24	Andrew Baldwin	Seats (Total: 5)
	Contact instructor or department for details.	

EPIB Epidemiology and Biostatistics Winter 2013

EPIB785 Internship in Public Health

EPIB785 Internship in Public Health; (3 credits) Grade Method: REG/AUD.

Prerequisite: Permission of SPHL-Epidemiology & Biostatistics department. Internship and seminar providing an opportunity to apply previously acquired knowledge and skills in a health or allied health organization. Setting of the internship will depend upon the student's background and career goals.

IN09	Brit Saksvig	Seats (Total: 10)
	Contact instructor or department for details.	

EPIB798 Independent Study

EPIB798 Independent Study; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EPIB799 Master's Thesis Research

EPIB799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FILM	Film Studies	Winter 2013
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FILM245

Film Form and Culture

FILM245 Film Form and Culture; (3 credits) Grade Method: REG/P-F/AUD.

Restriction: Must not have completed ENGL245. Also offered as: ENGL245. Credit only granted for: CMLT214, CMLT245, ENGL245, or FILM245. Formerly: CMLT214.

Introduction to film as art form and how films create meaning. Basic film terminology; fundamental principles of film form, film narrative, and film history. Examination of film technique and style over past one hundred years. Social and economic functions of film within broader institutional, economic, and cultural contexts.

WB11	Paul Cote	Seats (Total: 25)
	Class time/details on ELMs	ONLINE
WB12	Caitlin McGrath	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

FILM342

Film Comedy

FILM342 Film Comedy; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: FILM283, ENGL245, FILM245, or SLLC283; or permission of ARHU-College of Arts & Humanities. Also offered as: SLLC342. Credit only granted for: SLLC342, FILM342, or SLLC368B. Formerly: SLLC368B. Comedy as a specific cinematic genre.

WB11	Luka Arsenjuk	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

FMSC	Family Science	Winter 2013
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FMSC260

Couple Relationships

FMSC260 Couple Relationships; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences.

Credit only granted for: FMSC260 or FMST260. Formerly: FMST260. Couple relationships and their alternatives in contemporary dating, courtship and marriage. For more information about this online class and requirements, click on this link and scroll down to the course.

WB11	Elise Resnick	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

FMSC330 **Family Theories and Patterns**

FMSC330 Family Theories and Patterns; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.

Restriction: Junior standing or higher. Credit only granted for: FMSC330 or FMST330. Formerly: FMST330. Theory and research on the family, including a cross-cultural analysis of family patterns.

0101	Robyn Zeiger	Seats (Total: 30)
	TuWTh 9:30am - 1:45pm	SPH 0307

FMSC332 **Children in Families**

FMSC332 Children in Families; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences.

Prerequisite: PSYC100 or FMSC105. Credit only granted for: FMSC332 or FMST332. Formerly: FMST332. A family life education approach to the study of children and families. Emphasis on the interaction of children with parents, siblings, extended kin, and the community.

WB11	Tiffani Stevenson Lloyd	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

FMSC341 **Personal and Family Finance**

FMSC341 Personal and Family Finance; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.

Credit only granted for: FMSC341 or FMST341. Formerly: FMST341. Individual and family financial strategies with emphasis on financial planning, savings, investments, insurance, income taxes, housing, and use of credit. Planning, analyzing, and controlling financial resources to resolve personal/family financial problems and to attain financial security. For more information about this online class and requirements, click on this link and scroll down to the course.

WB11	William Knight	Seats (Total: 25)
	Class time/details on ELMs	ONLINE
WB21	Katherine Speirs	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

FMSC383

Delivery of Human Services to Families

FMSC383 Delivery of Human Services to Families; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: FMSC330. Credit only granted for: FMSC383 or FMST383. Formerly: FMST383. Processes of service delivery with special emphasis upon relationships among managers, service providers and clients. The impact of human service systems on families. For more information about this online class and requirements, click on this link and scroll down to the course.

WB11	Amanda Berger	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

FMSC460

Violence in Families

FMSC460 Violence in Families; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.

Prerequisite: SOCY100, SOCY105, or PSYC100. Credit only granted for: FMSC460 or FMST460. Formerly: FMST460. Theories of child, spouse, and elder abuse in the family setting. Emphasis on historical, psychological, sociological and legal trends relating to physical, emotional, and sexual abuse. Introduction to methods for prevention and remediation. For more information about this online class and requirements, click on this link and scroll down to the course.

WB11	Christine Schull	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

FMSC487 **Legal Aspects of Family Problems**

FMSC487 Legal Aspects of Family Problems; (3 credits) Grade Method: REG/P-F/AUD.

Credit only granted for: FMSC487 or FMST487. Formerly: FMST487. Laws and legal procedures, with emphasis on adoption, marriage, divorce, annulment, and property rights, and how they affect family life. For more information about this online class and requirements, click on this link and scroll down to the course.

WB11	Kerry Tripp	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

FMSC498B **Special Topics: Family Science; Death and Loss in Family Life**
Contact department for information to register for this course.

FMSC498D **Special Topics: Family Science; Credit Cards and College Students**

FMSC498D Special Topics: Family Science: Credit Cards and College Students; (1 credit) Grade Method: REG/P-F/AUD.

Credit will be granted for only one of the following: FMSC341 or FMSC498D. For more information about this online class and requirements, click on this link and scroll down to the course.

WB11	Jinhee Kim	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

FMSC498F **Special Topics: Family Science; African American Families**

FMSC498F Special Topics: Family Science: African American Families; (3 credits) Grade Method: REG/P-F/AUD.

Focuses on the history, structure, and diversity of African American family life. Includes the following topics: (1) the major theoretical perspectives used in the study of American families; (2) impact of social policy on African American families; and (3) specific areas of family life (e.g., marriage and divorce, parenting, child development, health disparities).

WB11	Mia Smith-Bynum	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

FMSC498W Special Topics: Family Science; War and Families

FMSC498W Special Topics: Family Science: War and Families; (3 credits) Grade Method: REG/P-F/AUD.

This online course provides an overview of issues impacting contemporary military families at times of war. Identification of challenges faced by military families related to deployment/reunion and mental and physical health, and the support systems available. Skills/strategies for working with military families will be examined. This is a course with assigned deadlines. There is an online quiz, reading summary, and discussion posting at the end of every week. There is one final ten page paper; topic set by the student with approval from the instructor, due electronically. As this is only a 3 week course, there is no mid-term exam, only an online final exam. A letter and syllabus will be sent out before the course so all students know the requirements. For more information about this online class and requirements, click on this link and scroll down to the course.

WB11	Patricia Fanflik	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

FMSC689 Independent Study

FMSC689 Independent Study; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC698 Advanced Topics in Family Science

FMSC698 (PermReq) Advanced Topics in Family Science; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC698A Advanced Topics in Family Science; Trauma and Addictions in the Context of Family Life
Contact department for information to register for this course.

FMSC698P Advanced Topics in Family Science; Play Therapy

FMSC698P (PermReq) Advanced Topics in Family Science: Play Therapy; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC698T **Advanced Topics in Family Science; Testing and Assessment in Couple and Family Therapy**
FMSC698T Advanced Topics in Family Science; (3 credits) Grade Method: REG/AUD.

0101	Elise Resnick	Seats (Total: 25)
	MTuTh 9:00am - 1:30pm	Location: TBA

FMSC698V **Advanced Topics in Family Science; Violence in Families**
FMSC698V Advanced Topics in Family Science: Violence in Families; (3 credits) Grade Method: REG/AUD.

WB11	Christine Schull	Seats (Total: 10)
	Class time/details on ELMs	ONLINE

FMSC699 **Independent Study**
FMSC699 Independent Study; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact department for information to register for this course.

FMSC799 **Master's Thesis Research; Master Thesis Research**
FMSC799 Master's Thesis Research: Master Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.
Contact department for information to register for this course.

GEOG Geographical Sciences Winter 2013

GEOG110 **The World Today: Global Perspectives**

GEOG110 The World Today: Global Perspectives; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.

The most critical issue facing the world today is the sustainability of both human and physical systems in the 21st century. This class uses the context of regions of the world to explore the 21st century issues of climate change, development, politics, economy, and demography. Each region will be used to highlight aspects of sustainability.

WB11	Rachel Berndtson	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

GEOG130

Developing Countries

GEOG130 Developing Countries; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences.

An introduction to the geographic characteristics of the development problems and prospects of developing countries. Spatial distribution of poverty, employment, migration and urban growth, agricultural productivity, rural development, policies and international trade. Portraits of selected developing countries.

0101	Ronald Luna	Seats (Total: 25)
	MTuWTh 9:00am - 12:30pm	LEF 1220

GEOG170

Introduction to Methods of Geospatial Intelligence and Analysis

GEOG170 Introduction to Methods of Geospatial Intelligence and Analysis; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course. GenEd: Distributive Studies - Natural Sciences.

Introduction to technical methods used in gathering, analyzing, and presenting geospatial information, addressing the needs of geospatial analysis, such as environmental monitoring, situational awareness, disaster management, and human systems. Topics include basics of locational reference systems, map projections, satellite and airborne remote sensing, global positioning systems, geographic information systems, cartography, and introductory statistics and probability. The course is a gateway to more advanced technical classes in geoinformatics.

0101	Robert Sohlberg	Seats (Total: 20)
	MTuWTh 9:00am - 12:30pm	LEF 1171

GEOG201 Geography of Environmental Systems

GEOG201 Geography of Environmental Systems; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Natural Science Lab(if taken with GEOG211).

CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOG 211. A systematic introduction to the processes and associated forms of the atmosphere and earth's surfaces emphasizing the interaction between climatology, hydrology and geomorphology.

0101	Keith Yearwood	Seats (Total: 20)
	MTuWTh 1:00pm - 4:30pm	LEF 1171

GEOG202 Introduction to Human Geography

GEOG202 Introduction to Human Geography; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences; Diversity - Cultural Competency.

Introduction to what geographers do and how they do it. Systematic study of issues regarding social and cultural systems from a global to a local scale. Looks at the distribution of these variables and answers the question "Why here, and not there"? This course will be taught online at <http://elms.umd.edu> using Live Classroom software.

WB11	Vanessa Kirn	Seats (Total: 25)
	Class time/details on ELMS	ONLINE

GEOG211 Geography of Environmental Systems Laboratory

GEOG211 Geography of Environmental Systems Laboratory; (1 credit) Grade Method: REG/P-F/AUD.

Prerequisite: Completed or be concurrently enrolled in GEOL120, GEOL100, or GEOG201. A laboratory course to accompany GEOG 201. Analysis of the components of the earth's energy balance using basic instrumentation; weather map interpretation; soil analysis; the application of map and air photo interpretation techniques to landform analysis.

0101	Varada Shevade	Seats (Total: 25)
	MTuWTh 10:00am - 11:30am	LEF 1138 Lab

GEOG306 Introduction to Quantitative Methods for the Geographic Environmental Sciences

GEOG306 Introduction to Quantitative Methods for the Geographic

Environmental Sciences; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Fundamental Studies - Analytic Reasoning.

Credit only granted for: BIOM301, BMGT230, CCJS200, ECON321, EDMS451, GEOG306, GVPT422, PSYC200, or SOCY201. Essentials in the quantitative analysis of spatial and other data, with a particular emphasis on statistics and programming. Topics include data display, data description and summary, statistical inference and significance tests, analysis of variance, correlation, regression, and some advanced concepts, such as matrix methods, principal component analysis, and spatial statistics. Students will develop expertise in data analysis using advanced statistical software. There is a \$40.00 lab fee with this course. This course will be taught online at <http://elms.umd.edu> using Live Classroom software.

WB11	Anupam Anand	Seats (Total: 25)
	MTuWTh 2:00pm - 5:30pm	ONLINE

GEOG328B Topics in Regional Geography; Geography of the Southern Caribbean
Contact department for information to register for this course.

GEOG372 Remote Sensing

GEOG372 Remote Sensing; (3 credits) Grade Method: REG/P-F/AUD.

Principles of remote sensing in relation to photographic, thermal infrared and radar imaging. Methods of obtaining quantitative information from remotely-sensed images. Interpretation of remotely-sensed images emphasizing the study of spatial and environmental relationships. There is a \$40.00 lab fee with this course.

0101	Kusuma Prabhakara	Seats (Total: 25)
	MTuWTh 2:00pm - 6:00pm	LEF 1222

GEOG373 Geographic Information Systems

GEOG373 Geographic Information Systems; (3 credits) Grade Method: REG/P-F/AUD.

Characteristics and organization of geographic data; creation and use of digital geospatial databases; metadata; spatial data models for thematic mapping and map analysis; use of geographic information system in society, government, and business. Practical training with use of advanced software and geographic databases. There is a \$40.00 lab fee with this course. This course will be taught online at <http://elms.umd.edu> using Live Classroom software.

0101	Naijun Zhou	Seats (Total: 30)
	MTuWTh 11:00am - 2:30pm	LEF 1124
WB11	Nathan Burtch	Seats (Total: 45)
	MTuWTh 6:00pm - 9:30pm	ONLINE

GEOG384 Internship in Geography I

GEOG384 Internship in Geography I; (3 credits) Grade Method: REG/P-F.

Prerequisite: GEOG211, GEOG306, GEOG212, and GEOG201; and (ENGL393 or ENGL390). Restriction: Must be in Geography program. Supervised field training to provide career experience. Introduction to professional level activities, demands, opportunities. Placement at a public agency, non-profit organization, or private firm. Participation requires application to the internship advisor in preceding semester.

IN01	Ronald Luna	Seats (Total: 10)
	Contact instructor or department for details.	

GEOG498 Topical Investigations

GEOG498 (PermReq) Topical Investigations; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOG652 Digital Image Processing and Analysis

Contact department for information to register for this course.

GEOG656 Programming and Scripting for GIS

Contact department for information to register for this course.

GEOG677 **Internet GIS**
Contact department for information to register for this course.

GEOG789 **Independent Readings**
Contact department for information to register for this course.

GVPT Government and Politics Winter 2013

GVPT170 **American Government**

GVPT170 American Government; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.

A comprehensive study of national government in the United States.

WB11	Jonathan Hensley	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

GVPT241 **The Study of Political Philosophy: Ancient and Modern**

GVPT241 The Study of Political Philosophy: Ancient and Modern; (3 credits)

Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.

Prerequisite: GVPT100. Restriction: Must be in Government & Politics program.

Examines some of the salient continuities and breaks between the ancient and modern traditions in Western political philosophy.

0101	James Glass	Seats (Total: 75)
	TuWThF 1:30pm - 4:45pm	TYD 0117

GVPT309E **Topics in International Relations; Warfare without Soldiers: Drones, Ethics, and Society**

GVPT309E Topics in International Relations: Warfare without Soldiers: Drones, Ethics, and Society; (3 credits) Grade Method: REG/P-F/AUD.

Click here for more course information.

WB11	Mark Shirk	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

GVPT309F **Topics in International Relations; Chile: Chilean Literature, Democracy and Social Change**

Contact department for information to register for this course.

GVPT309W Topics in International Relations; Asymmetric Warfare

GVPT309W Topics in International Relations: Asymmetric Warfare; (3 credits)

Grade Method: REG/P-F/AUD.

[Click here for more course information.](#)

WB11	Jennifer Wallace	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

GVPT349A Topics in Political Philosophy; Political Morality and Political Action

GVPT349A Topics in Political Philosophy: Political Morality and Political Action; (3 credits) Grade Method: REG/P-F/AUD.

[Click here for more course information.](#)

WB11	Alexander Otruba	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

GVPT388T Topical Investigations; Germany in the New Europe: Politics, Business, and Culture
Contact department for information to register for this course.

GVPT409I Seminar in International Relations and World Politics; International Human Rights

GVPT409I Seminar in International Relations and World Politics: International Human Rights; (3 credits) Grade Method: REG/P-F/AUD.

[Click here for more course information.](#)

WB11	Molly Inman	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

GVPT409J Seminar in International Relations and World Politics; Multi-Track Diplomacy and Conflict Transformation

GVPT409J Seminar in International Relations and World Politics: Multi-Track Diplomacy and Conflict Transformation; (3 credits) Grade Method: REG/P-F/AUD.

The course will also meet on Friday, 1/18/13 from 6pm-9:00pm ("snow day" day" makeups: Jan. 19-20 if needed). GVPT409K is strongly recommended as a concurrent course. [Click here for more course information.](#)

0101	John Davies, Edward Kaufman	Seats (Total: 30)
	MTuWTh 6:00pm - 9:15pm	TYD 1102

GVPT409K

Seminar in International Relations and World Politics; Workshop in Multi-Track Diplomacy

GVPT409K Seminar in International Relations and World Politics: Workshop in Multi-Track Diplomacy; (3 credits) Grade Method: REG/P-F/AUD.

Two consecutive weekend workshops: Friday evenings 6-9pm, Saturday and Sundays 9am-1pm and 2-6pm, January 5-6 & 12-13 ("snow day" makeups: January 19-20 if needed). GVPT409J is strongly recommended as a concurrent class. [Click here for more course information.](#)

0101	John Davies, Edward Kaufman	Seats (Total: 30)
	F 6:00pm - 9:00pm	TYD 1101
	SaSu 9:00am - 1:00pm	TYD 1101
	SaSu 2:00pm - 6:00pm	TYD 1101

GVPT808J

Selected Topics in Functional Problems in International Relations; Multi-Track Diplomacy and Conflict Transformation

GVPT808J Selected Topics in Functional Problems in International Relations: Multi-Track Diplomacy and Conflict Transformation; (3 credits) Grade Method: REG/AUD.

The course will also meet on Friday, 1/18/13 from 6pm-9:00pm ("snow day" makeups: Jan. 19-20 if needed). GVPT808K is strongly recommended as a concurrent course. [Click here for more course information.](#)

0101	John Davies, Edward Kaufman	Seats (Total: 30)
	MTuWTh 6:00pm - 9:15pm	TYD 1102

GVPT808K

Selected Topics in Functional Problems in International Relations; Workshop in Multi-Track Diplomacy

GVPT808K Selected Topics in Functional Problems in International Relations: Workshop in Multi-Track Diplomacy; (3 credits) Grade Method: REG/AUD.

GVPT808J is strongly recommended as a concurrent course. Two consecutive weekend workshops: Friday evenings 6-9pm, Saturday and Sundays 9am-1pm and 2-6pm, January 5-6 & 12-13 ("snow day" makeups: January 19-20 if needed). [Click here for more course information.](#)

0101	John Davies, Edward Kaufman	Seats (Total: 30)
	F 6:00pm - 9:00pm	TYD 1101
	SaSu 9:00am - 1:00pm	TYD 1101
	SaSu 2:00pm - 6:00pm	TYD 1101

GVPT898

Pre-Candidacy Research

GVPT898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP

Hearing and Speech Sciences

Winter 2013

HESP386

Experiential Learning

HESP386 (PermReq) Experiential Learning; (3-6 credits) Grade Method: REG/P-F.

Restriction: Junior standing or higher; and permission of BSOS-Hearing Speech Sciences department.

0116	Nan Ratner	Seats (Total: 10)
	Contact instructor or department for details.	

HESP499

Independent Study

HESP499 (PermReq) Independent Study; (1-3 credits) Grade Method: REG/P-

F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP638

Research Practicum

HESP638 Research Practicum; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP639

Special Topics in Hearing and Speech Sciences; Medical Speech-Language Pathology: Tracheostomy & Ventilator Dependence and Head and Neck Cancer

HESP639 Special Topics in Hearing and Speech Sciences: Medical Speech-Language Pathology: Tracheostomy & Ventilator Dependence and Head and Neck Cancer; (3 credits) Grade Method: REG/AUD.

This course will be held at Johns Hopkins and registered students should contact the department for further information.

0101	Donna Tippet, Kimberly Webster	Seats (Total: 20)
	MTuWThF 2:00pm - 5:00pm	Location: TBA
<i>This section is co-taught by Donna Tippet and Kimberly Webster.</i>		

HESP639G Special Topics in Hearing and Speech Sciences; Counseling in Communicative Disorder
HESP639G Special Topics in Hearing and Speech Sciences: Counseling in Communicative Disorder; (3 credits) Grade Method: REG/AUD.

0101	Sharon Palmer, Lisa Rickard, Paula Schauer	Seats (Total: 25)
Contact instructor or department for details.		

HESP649A Clinical Practice in Audiology; Diagnostic Audiology
HESP649A Clinical Practice in Audiology: Diagnostic Audiology; (1-2 credits)
Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact department for information to register for this course.

HESP658B Special Clinical Topics in Hearing and Speech; Supervision Seminar
HESP658B Special Clinical Topics in Hearing and Speech: Supervision Seminar; (1 credit) Grade Method: REG.

0101	Margaret McCabe	Seats (Total: 15)
	TuTh 2:00pm - 4:30pm	LEF 0136

HESP708 Independent Study
HESP708 Independent Study; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact department for information to register for this course.

HESP799 Master's Thesis Research

HESP799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP829 Clinical Internship Residency

HESP829 Clinical Internship Residency; (1-9 credits) Grade Method: REG/AUD.

IN13	Margaret McCabe	Seats (Total: 10)
Contact instructor or department for details.		

HESP849 Capstone Research Project I

HESP849 Capstone Research Project I; (2 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP859 Capstone Research Project II

HESP859 Capstone Research Project II; (1-2 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP889 Doctoral Candidacy Research

HESP889 Doctoral Candidacy Research; (1-3 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP898 Pre-Candidacy Research

HESP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST219K

London and the British Empire, 1500-1850

Contact department for information to register for this course.

HIST240

Europe in the Twentieth Century

HIST240 Europe in the Twentieth Century; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. GenEd: Distributive Studies - History and Social Sciences.

Restriction: Must not have completed HIST337. Credit only granted for: HIST240 or HIST337. Formerly: HIST337. Political, cultural and economic developments in 20th-century Europe.

WB11	Stefan Papaioannou	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

HIST306

History of Religion in America

HIST306 History of Religion in America; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: HIST200, HIST201, HIST210, HIST211, HIST213, HIST254, or

HIST255; or must have completed HIST156 or HIST157; or permission of instructor.

Also offered as: RELS346. Credit only granted for: HIST306 or RELS346. A history of religion, religious movements, and churches in America from the early Colonial period to the present, with special attention to the relation between church and society.

WB11	Miles Bradbury	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

HIST319O

Special Topics in History; The Cold War: An International History

HIST319O Special Topics in History: The Cold War: An International History; (3 credits) Grade Method: REG/P-F/AUD.

This course will examine the historical events that precipitated, advanced, and ended the Cold War. It will move beyond the traditional US-Soviet focus of Cold War history by exploring the way in which the war affected the Third World, created new international institutions, and impacted Soviet, US, Asian, Latin American, and European societies and culture. Finally, the course will examine the role of science and technology in shaping the global arms race, and the importance of intelligence and clandestine operations in the prosecution of Cold War grand strategies.

0101	Vincent Houghton	Seats (Total: 40)
	MTuWThF 1:30pm - 4:30pm	KEY 0103

HIST329K

Special Topics in History; History of Rock 'n' Roll 1950-2000

HIST329K Special Topics in History: History of Rock 'n' Roll 1950-2000; (3 credits) Grade Method: REG/P-F/AUD.

This inter-disciplinary course will trace the development of American rock 'n' roll and popular music in the second half of the 20th century. Popular music will be studied both in terms of what it sounds like, and in terms of what it meant to the society in which it was made. Special attention will be paid to the role of African-American cultural influences, as well as contributions made by European (mainly British) performers over the years.

WB11	Andrew Kellett	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

HIST329N

Special Topics in History; Chile: Chilean Literature, Democracy and Social Change
Contact department for information to register for this course.

HIST357

Recent America: 1945-Present

HIST357 Recent America: 1945-Present; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: HIST201, HIST211, HIST213, HIST222, HIST255, or HIST275; or must have completed HIST157; or permission of instructor. American history from the inauguration of Harry S. Truman to the present with emphasis upon politics and foreign relations, but with consideration of special topics such as radicalism, conservatism, and labor.

WB11	Edwin Smead	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

HIST360

Women and the Civil Rights Movement

HIST360 Women and the Civil Rights Movement; (3 credits) Grade Method: REG/P-F/AUD.

Twentieth century U.S. civil rights movement from the vantage point of women, considering both women's involvement in the legal campaigns and political protests and the impact of civil rights struggles on women's condition, status, and identity. Also offered as AASP498I and WMST498M.

WB11	Elsa Barkley Brown	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

HIST436 **Napoleon, the French Revolution, and the World**

HIST436 Napoleon, the French Revolution and the World; (3 credits) Grade Method: REG/P-F/AUD.

An argument for the broad continuity between the revolutionary and Napoleonic wars.

WB11	Donald Sutherland	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

HIST619A **Special Topics in History; Independent Research**

HIST619A Special Topics in History: Independent Research; (1-3 credits) Grade Method: REG/AUD.

0101	David Sicilia	Seats (Total: 10)
	Contact instructor or department for details.	

HLTH Health

Winter 2013

HLTH106 **Drug Use and Abuse**

HLTH106 Drug Use and Abuse; (3 credits) Grade Method: REG/P-F/AUD.

An interdisciplinary analysis of contemporary drug issues and problems. The course will examine physiological, psychological, social, philosophical, historical, legal and health aspects of drug use and abuse. Special attention will be focused on those general motivations for drug use that attend life on the college campus.

WB11	Tracy Zeeger	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

HLTH140**Personal and Community Health**

HLTH140 Personal and Community Health; (3 credits) Grade Method: REG/P-F/AUD.

Meaning and significance of physical, mental and social health as related to the individual and to society; important phases of national health problems; constructive methods of promoting health of the individual and the community.

WB11	Jessica Jordan	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

HLTH377**Human Sexuality**

HLTH377 Human Sexuality; (3 credits) Grade Method: REG/P-F/AUD.

The biological and developmental aspects of human sexuality; the psychological and emotional aspects of sexual behavior; sexual identity; the historical, cultural, social, linguistic, legal and moral forces affecting sexual issues; the importance of communication, disclosure and intimacy in interpersonal relationships; and research trends in the area of human sexuality.

WB11	Robin Sawyer	Seats (Total: 154)
	Class time/details on ELMs	ONLINE

HLTH476**Death Education**

HLTH476 Death Education; (3 credits) Grade Method: REG/P-F/AUD.

Examination of the genesis and development of present day death attitudes and behavior by use of a multidisciplinary life cycle approach.

WB11	Jennifer Hodgson	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

HLTH489**Field Laboratory Projects and Workshop**

HLTH489 Field Laboratory Projects and Workshop; (1-6 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLTH489I **Field Laboratory Projects and Workshop; East Meets West: Contrasting Public Health Priorities, Pragmatics and Polemics in the U.S. and India**
Contact department for information to register for this course.

HLTH498A **Special Topics in Health; Massage Therapy and Stress**
HLTH498A Special Topics in Health: Massage Therapy and Stress; (3 credits)
Grade Method: REG/P-F/AUD.

0101	Geoffrey Gilbert	Seats (Total: 30)
	MWF 1:00pm - 5:10pm	SPH 0107

HLTH498T **Special Topics in Health; Medical Terminology**
HLTH498T Special Topics in Health: Medical Terminology; (3 credits) Grade Method: REG/P-F/AUD.
This on-line course is designated to improve medical terminology vocabulary skills. Prepares students for advanced professional preparation courses by incorporating content taught in advanced medical and scientific courses. The syllabus and directions for starting the course will be emailed on January 5th at the latest.

WB11	Katherine Sharp	Seats (Total: 150)
	Class time/details on ELMs	ONLINE

HLTH688 **Special Problems in Health Education**
HLTH688 Special Problems in Health Education; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact department for information to register for this course.

HLTH898 **Pre-Candidacy Research**
HLTH898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.
Contact department for information to register for this course.

HONR **Honors** **Winter 2013**

HONR248E **Cultures of the Contact Zones - Seville, Al-Andalus and the Atlantic World**

Contact department for information to register for this course.

HONR249B Honors Seminar; London and the British Empire, 1500-1850
HONR249B Honors Seminar: London and the British Empire, 1500-1850; (3 credits) Grade Method: REG/P-F/AUD.

WALE	Richard Bell	Seats (Total: 0)
	Meets January 1, 2013 - January 21, 2013	
	Contact instructor or department for details.	

HONR2780 Honors Seminar; Exploring Issues and Challenges of Globalization (Belize)
Contact department for information to register for this course.

HONR348X Advanced Honors Seminar; Germany in the New Europe: Politics, Business, and Culture
Contact department for information to register for this course.

HONR349B Honors Colloquium; Australian Literature and Culture, Aboriginal to Contemporary
Contact department for information to register for this course.

HONR349C Honors Colloquium; Chile: Chilean Literature, Democracy and Social Change
Contact department for information to register for this course.

INFM Information Management Winter 2013

INFM719 Independent Study
INFM719 Independent Study; (1-3 credits) Grade Method: REG.

0103	Brian Butler	Seats (Total: 4)
	Contact instructor or department for details.	

JOUR Journalism Winter 2013

JOUR175 Media Literacy

JOUR175 Media Literacy; (3 credits) Grade Method: REG/P-F/AUD. CORE Interdisciplinary & Emerging Issues (IE) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Scholarship in Practice; Diversity - Understanding Plural Societies.

Additional information: Not applicable toward journalism major. An analysis of the information, values and underlying messages conveyed via television, newspapers, the internet, magazines, radio and film. Examines the accuracy of those messages and explores how media shape views of politics, culture and society.

0101	Susan Moeller	Seats (Total: 18)
	MTuWTh 9:00am - 12:30pm	KNI 1101

JOUR181

Grammar for Journalists

JOUR181 Grammar for Journalists; (1 credit) Grade Method: REG/P-F.

Credit only granted for: ENGL181, ENGL281, or JOUR181. An examination of the basic structure of written English needed for precise journalistic writing. Parts of speech, sentence patterns, standard punctuation, diction, and usage will be examined with an emphasis on its application in journalism. Contact Student Services at (301) 405-2399 for permission to register.

0101	Nabila Hijazi	Seats (Total: 35)
	MWF 1:00pm - 2:40pm	TWS 0236

JOUR199

Survey Apprenticeship

JOUR199 Survey Apprenticeship; (1 credit) Grade Method: S-F.

0101	Christine Harvey	Seats (Total: 20)
	Contact instructor or department for details.	

JOUR479O

Special Topics in Data Gathering and Analysis; Understanding Audiences

JOUR4790 (PermReq) Special Topics in Data Gathering and Analysis:**Understanding Audiences; (3 credits)** Grade Method: REG.

Prerequisite: Must have completed a university statistics course. As journalism evolves, it may be more important than ever to understand what were once simply called "audiences"- who they are, how they consume news, and what that engagement means for them and for society. Students will learn to think critically about news audiences and contemporary issues in audience research.

0101	Soo-Kwang Oh	Seats (Total: 18)
	MTuWTh 1:00pm - 4:30pm	KNI 2107

KNES**Kinesiology****Winter 2013**

KNES131D**Physical Education Activities: Coed; Dance: Salsa (Beginning)****KNES131D Physical Education Activities: Coed: Dance: Salsa (Beginning); (1 credit)** Grade Method: REG/P-F.

Attendance is required on the first day of class.

0101	Barbara Bernstein	Seats (Total: 30)
	MTuThF 2:00pm - 4:30pm	SPH 0128 Lab

KNES157N**Physical Education Activities: Coed; Weight Training (Beginning)****KNES157N Physical Education Activities: Coed: Weight Training (Beginning); (1 credit)** Grade Method: REG/P-F.

Attendance is required on the first day of class.

0101	Dapeng Chen	Seats (Total: 15)
	MTuWThF 10:00am - 12:00pm	SPH 0103 Lab

KNES157O**Physical Education Activities: Coed; Weight Training (Intermediate)****KNES157O Physical Education Activities: Coed: Weight Training (Intermediate); (1 credit)** Grade Method: REG/P-F.

Attendance is required on the first day of class.

0101	Dapeng Chen	Seats (Total: 15)
	MTuWThF 10:00am - 12:00pm	SPH 0103 Lab

KNES161B Physical Education Activities: Coed; Body Pump (Beginning)

KNES161B Physical Education Activities: Coed: Body Pump (Beginning); (1 credit) Grade Method: REG/P-F.

Attendance is required on the first day of class.

0101	Laura Rush	Seats (Total: 35)		
	MTuWThF 9:00am - 11:00am	ERC 0105	Lab	

KNES161C Physical Education Activities: Coed; Group Cycling (Intermediate)

KNES161C Physical Education Activities: Coed: Group Cycling (Intermediate); (1 credit) Grade Method: REG/P-F.

Attendance is required on the first day of class.

0101	Andrea Romeo	Seats (Total: 22)		
	MTuThF 10:00am - 12:15pm	COL SB0191	Lab	

KNES161O Physical Education Activities: Coed; Conditioning (Intermediate)

KNES161O Physical Education Activities: Coed: Conditioning (Intermediate); (1 credit) Grade Method: REG/P-F.

Attendance is required on the first day of class.

0101	Andrew Ginsberg	Seats (Total: 30)		
	MTuWThF 9:30am - 11:30am	SPH 2101	Lab	

KNES161T Physical Education Activities: Coed; Yoga (Beginning)

KNES161T Physical Education Activities: Coed: Yoga (Beginning); (1 credit)

Grade Method: REG/P-F.

Attendance is required on the first day of class.

0102	Laura Rush	Seats (Total: 35)		
	MTuWThF 11:00am - 1:00pm	SPH 0107	Lab	

KNES260 Science of Physical Activity and Cardiovascular Health

KNES260 Science of Physical Activity and Cardiovascular Health; (3 credits)

Grade Method: REG/P-F/AUD. CORE Life Science (LS) Course. GenEd: Distributive Studies - Natural Sciences.

Course details (1) the public health importance of and the processes underlying cardiovascular disease, (2) the risk factors for cardiovascular disease and the methods whereby they were identified, and (3) the principles of the scientific evidence supporting the use of physical activity to prevent cardiovascular disease.

WB11	James Hagberg	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

KNES287**Sport and American Society**

KNES287 Sport and American Society; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.

Sport will be related to such social problems as delinquency, segregation, collective behavior, and leisure; to social processes such as socialization, stratification, mobility, and social control; and to those familiar social institutions the family, the school, the church, the military, the economy, the polity, and the mass media.

WB11	Adam Beissel	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

KNES289**Topical Investigations**

KNES289 (PermReq) Topical Investigations; (1-3 credits) Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES293**History of Sport in America**

KNES293 History of Sport in America; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. GenEd: Distributive Studies - History and Social Sciences.

The growth and development of sport in America. The transformation of sport within the perspective of American history, including class sport, professionalization, amateurism, and international involvement. All sessions are taught on-line.

WB11	Damion Thomas	Seats (Total: 90)
	Class time/details on ELMs	ONLINE

KNES350 The Psychology of Sports

KNES350 The Psychology of Sports; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences.

An exploration of personality factors, including but not limited to motivation, aggression and emotion, as they affect sports participation and motor skill performance.

WB11	Jo Zimmerman	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

KNES370 Motor Development

KNES370 Motor Development; (3 credits) Grade Method: REG/P-F/AUD.

Motor development across the life span. The developmental sequences of motor skills from birth to old age; neuromaturation of neuromuscular system; analysis of the underlying mechanisms of motor skill development; and correlates of motor development. Motor development across the life span. The developmental sequences of motor skills from birth to old age; neuromaturation of neuromuscula system; analysis of the underlying mechanisms of motor skill development; andcorrelates of motor development. This course will meet on-line.

WB11	Marcio Oliveira	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

KNES385 Motor Control and Learning

KNES385 Motor Control and Learning; (3 credits) Grade Method: REG/P-F/AUD.

Physiological and cognitive bases for motor control and their applications to the acquisition of movement skills and understanding of movement disorders. Topics include: neurophysiology, motor control theory, sensory/perceptual processes, perception-action coupling, information processing, memory, attention, individual differences, motivation, practice organization and role of feedback.

WB11	John Jeka	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

KNES389

Topical Investigations

KNES389 (PermReq) Topical Investigations; (1-3 credits) Grade Method: REG/P-F.

Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES389K

Topical Investigations; Kinesiology Internship

KNES389K (PermReq) Topical Investigations: Kinesiology Internship; (3 credits)

Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES389P

Topical Investigations; Strength and Conditioning of Athletes

KNES389P Topical Investigations: Strength and Conditioning of Athletes; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: KNES360. Dedicated to preparing students to teach and coach athletes in the area of strength and conditioning. In addition to addressing basic aspects of strength & conditioning, students learn basic biomechanics of movement, maximum strength development, sport-specific energy utilization, metabolic conditioning, athletic speed/agility/acceleration, explosive power enhancement, and the design of sport-specific training programs. Examples will be used to illustrate concepts that have the potential to impact all areas of kinesiology. The student will be instructed into how to teach any level athlete, youth to adult, individually or in large groups.

0101	John Philbin	Seats (Total: 35)
	MTuWThF 12:30pm - 3:30pm	SPH 0124

KNES462 Neural Basis of Human Movement

KNES462 Neural Basis of Human Movement; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: BSCI202, KNES385, and BSCI201; or permission of SPHL-Kinesiology department. An introduction to the neural substrates which underlie postural and volitional movement. Neuroanatomical and neurophysiological basis of motor functioning; past and present conceptualizations of motor control and coordination; movement disorders; and maturation of the neuromuscular system.

WB11	Rodolphe Gentili	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

KNES485 Sport and Globalization

KNES485 Sport and Globalization; (3 credits) Grade Method: REG/P-F/AUD.

GenEd: Diversity - Understanding Plural Societies.

Prerequisite: KNES287. Restriction: Junior standing or higher. Credit only granted for: KNES485 and KNES498T. Formerly: KNES498T. Examination of sport culture from a global perspective; focuses on theorizing the similarities and differences between various national sporting cultures. All sessions are on-line.

WB11	David Andrews	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

KNES487 Women, Sports and Culture

KNES487 Women, Sports and Culture; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: KNES287. Restriction: Junior standing or higher. Credit only granted for: KNES498E or KNES487. Formerly: KNES498E. A study of the historical barriers to women's participation in physical activity, efforts to dismantle those barriers, and the differentiation that exists in women's sport and physical culture today. Exploration of the historical and contemporary factors involving female athletes in U.S. culture.

WB11	Joy Olimpo	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

KNES498 Special Topics in Kinesiology

KNES498 (*PermReq*) **Special Topics in Kinesiology; (3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES498C

Special Topics in Kinesiology; Quantitative Methods in Cognitive Motor Behavior

KNES498C Special Topics in Kinesiology: Quantitative Methods in Cognitive Motor Behavior; (3 credits) Grade Method: REG/P-F/AUD.

Pre-requisite: MATH 115 or KNES 300. Students are introduced to computer programming using the software program MATLAB as well as basic quantitative techniques for time-series data with an emphasis on, but not limited to, human behavior.

0101	Rodolphe Gentili	Seats (Total: 5)
	MTuWThF 3:30pm - 6:30pm	SPH 0303

KNES498E

Special Topics in Kinesiology; Coaching for Performance

KNES498E Special Topics in Kinesiology: Coaching for Performance; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: KNES350. While focusing on individual sports of interest, students will learn pedagogically appropriate practices used to engage athletes physically, emotionally and cognitively, enhance the acquisition of skills, and develop technical and tactical knowledge that contribute to peak performance. Appropriate practice planning and game analysis will also be discussed.

WB11	Dena Deglau	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

KNES689

Special Problems in Kinesiology

KNES689 (*PermReq*) **Special Problems in Kinesiology; (1-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES689R

Special Problems in Kinesiology; Quantitative Methods in Cognitive Motor Behavior

KNES689R Special Problems in Kinesiology: Quantitative Methods in Cognitive Motor Behavior; (3 credits) Grade Method: REG/AUD.

Pre-requisite: MATH 115 or KNES 300. Students are introduced to computer programming using the software program MATLAB as well as basic quantitative techniques for time-series data with an emphasis on, but not limited to, human behavior.

0101	Rodolphe Gentili	Seats (Total: 10)
	MTuWThF 3:30pm - 6:30pm	SPH 0303

KNES799 Master's Thesis Research

KNES799 (PermReq) Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES899 Doctoral Dissertation Research

KNES899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LARC Landscape Architecture Winter 2013

LARC452 Green Infrastructure and Community Greening

LARC452 Green Infrastructure and Community Greening; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: PLSC100 or PLSC101; or permission of instructor. Restriction: Junior standing or higher. Credit only granted for: LARC489G or LARC452. Formerly: LARC489G. A critical look and exploration of green infrastructure (GI) elements in the built environment in contributing to ecosystems services and the sustainability of the built environment. The course explores the science, issues, challenges, and the policy, planning and design solutions offered by green infrastructure.

0101	David Myers	Seats (Total: 20)
	MTuWTh 1:00pm - 4:30pm	PLS 1119

LARC489N **Special Topics in Landscape Architecture; Culture and Earth: Transformation and Adaptation-New Zealand**
Contact department for information to register for this course.

LARC499 **Independent Studies in Landscape Architecture; Independent Studies in Landscape Architecture**

LARC499 Independent Studies in Landscape Architecture: Independent Studies in Landscape Architecture; (1-4 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LBSC **Library Science** **Winter 2013**

LBSC670 **Organization of Information**

LBSC670 Organization of Information; (3 credits) Grade Method: REG/AUD.
Prerequisite: Permission of INFO-College of Information Studies. Functions and evaluation of document and information retrieval systems; analysis and representation of data, information, knowledge, language, and text; metadata for the control of documents and other objects.

WB11	Erik Mitchell	Seats (Total: 26)
	Class time/details on ELMs	ONLINE

LBSC690 **Information Technology**

LBSC690 Information Technology; (3 credits) Grade Method: REG/AUD.
Prerequisite: Permission of INFO-College of Information Studies. Human-centered design issues, implementation and technical issues, and application and sociotechnical issues of information technology; emerging information technologies.

WB11	Jennifer Golbeck	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

LING **Linguistics** **Winter 2013**

LING200 **Introductory Linguistics**

LING200 Introductory Linguistics; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.

Credit only granted for: HESP120 or LING200. Additional information: Does not count toward the Linguistics major and does not fulfill prerequisite requirements for all upper-level courses. An exploration of the nature of human language, designed for non-majors. Introduction to the basic concepts and methodology of modern linguistic analysis (sound systems, word formation, sentence structure). Additional topics may include: semantics, pragmatics, social aspects of language, dialects, language change, acquisition, writing systems, typology, language universals, comparison with other communication systems, etc.

0101	Michael Key	Seats (Total: 20)
	MTuWThF 9:00am - 12:00pm	TLF 1101

LING240

Language and Mind

LING240 Language and Mind; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. GenEd: Distributive Studies - Humanities.

Additional information: Required for Linguistics majors and recommended for students in related fields. The study of language as a cognitive phenomenon. Focus on mastering the concepts and technical skills required for further courses in linguistics. Ways of representing people's knowledge of their native language, ways in which that knowledge is attained naturally by children, and how it is used in speaking and listening. Additional topics may include: animal communication, language and the brain, language and thought.

0101	Dave Kush	Seats (Total: 20)
	MTuWThF 9:00am - 12:00pm	KEY 0119

LING499

Directed Studies in Linguistics

LING499 Directed Studies in Linguistics; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING689

Independent Study

LING689 Independent Study; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING698 Directed Study

LING698 Directed Study; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING798 Research Papers in Linguistics

LING798 Research Papers in Linguistics; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING799 Master's Thesis Research

LING799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING889 Directed Research

LING889 Directed Research; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING895 Doctoral Research Paper

LING895 Doctoral Research Paper; (6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING896 Research Paper in Minor Area

LING896 Research Paper in Minor Area; (3 credits) Grade Method: REG/AUD.

Individual Instruction course: contact department or instructor to obtain section number.

Prerequisite: LING895. This course is designed to strengthen the students' ability to do research in a minor area of expertise, and to help them create a publishable piece. In addition, the course constitutes part of a set of requirements to advance to doctoral candidacy.

Contact department for information to register for this course.

LING898 Pre-Candidacy Research

LING898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING899 Doctoral Dissertation Research

LING899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F.

Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH Mathematics

Winter 2013

MATH307 A Condensed Introduction to Analysis

MATH307 A Condensed Introduction to Analysis; (2 credits) Grade Method: REG/P-F/AUD.

Prerequisite: MATH241. Recommended: MATH461 or MATH240. Credit only granted for: MATH307 or MATH310. A preparation for proofs and concepts in MATH410. Students develop proof-writing skills as the material covers background and key ideas for MATH410 including logic of proofs, induction and convergence concepts.

0101	Kathryn Truman	Seats (Total: 30)
	MTuWThF 10:00am - 12:00pm	MTH 1313

MATH498A Selected Topics in Mathematics

MATH498A (*PermReq*) **Selected Topics in Mathematics; (1-9 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH899 **Doctoral Dissertation Research**

MATH899 (*PermReq*) **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MEES	Marine-Estuarine-Environmental Sciences	Winter 2013
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MEES698N **Special Topics in Marine-Estuarine-Environmental Sciences; Stable Isotope Techniques and Applications**

MEES698N Special Topics in Marine-Estuarine-Environmental Sciences: Stable Isotope Techniques and Applications; (3 credits) Grade Method: REG.
Taught at the Chesapeake Biological Laboratory, Solomons, MD.

0101	Lee Cooper	Seats (Total: 10)
	MTuWThF 1:00pm - 4:00pm	Location: TBA

MEES698P **Special Topics in Marine-Estuarine-Environmental Sciences; Phytoplankton Physiological Ecology**

MEES698P Special Topics in Marine-Estuarine-Environmental Sciences: Phytoplankton Physiological Ecology; (3 credits) Grade Method: REG.
Course is taught at the Horn Point Laboratory, Cambridge, MD.

0101	Diane Stoecker, Todd Kana, Patricia Glibert	Seats (Total: 20)
	Meets January 7, 2013 - January 18, 2013	
	MTuWThF 9:00am - 5:00pm	Location: TBA

MEES698Q **Special Topics in Marine-Estuarine-Environmental Sciences; Ecosystem Modeling for Fisheries: Introduction to Ecopath and Ecosim**

MEES698Q Special Topics in Marine-Estuarine-Environmental Sciences: Ecosystem Modeling for Fisheries: Introduction to Ecopath and Ecosim; (2 credits) Grade Method: REG.

0101	Kennedy Paynter	Seats (Total: 10)
	Contact instructor or department for details.	

MIEH	Maryland Institute for Applied Environmental Health	Winter 2013
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MIEH609 **Methods in Toxicology**

MIEH609 Methods in Toxicology; (1-3 credits) Grade Method: REG/AUD.

0101	Paul Turner	Seats (Total: 5)
	Contact instructor or department for details.	
0102	Amir Sapkota	Seats (Total: 5)
	Contact instructor or department for details.	
0103	Amy Sapkota	Seats (Total: 5)
	Contact instructor or department for details.	
0104	Donald Milton	Seats (Total: 5)
	Contact instructor or department for details.	
0105	Robin Puett	Seats (Total: 5)
	Contact instructor or department for details.	
0106	Sacoby Wilson	Seats (Total: 5)
	Contact instructor or department for details.	

MIEH785 **Internship in Public Health**

MIEH785 (PermReq) Internship in Public Health; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Prerequisite: Permission of SPHL-Maryland Institute for Applied Environmental Health. Internship and seminar providing an opportunity to apply previously acquired knowledge and skills in a health or allied health organization. Setting of the internship will depend upon the student's background and career goals.

Contact department for information to register for this course.

MIEH786 **Capsone Project in Public Health**

MIEH786 (*PermReq*) **Capsone Project in Public Health; (3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Prerequisite: Permission of SPHL-Maryland Institute for Applied Environmental Health.

Capstone experience providing opportunity to apply knowledge and skills to a specific public health problem or issue. Completion of project relevant to public health under the direction of an advisor.

Contact department for information to register for this course.

MIEH788 **Critical Readings in Environmental Health**

MIEH788 (*PermReq*) **Critical Readings in Environmental Health; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MIEH789 **Independent Study**

MIEH789 (*PermReq*) **Independent Study; (1-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MIEH799 **Master's Thesis Research**

MIEH799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MIEH898 **Pre-Candidacy Research**

MIEH898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG.

0101	Paul Turner	Seats (Total: 5)
Contact instructor or department for details.		

0102	Amir Sapkota	Seats (Total: 5)
	Contact instructor or department for details.	
0103	Amy Sapkota	Seats (Total: 5)
	Contact instructor or department for details.	
0104	Donald Milton	Seats (Total: 5)
	Contact instructor or department for details.	
0105	Robin Puett	Seats (Total: 5)
	Contact instructor or department for details.	
0106	Sacoby Wilson	Seats (Total: 5)
	Contact instructor or department for details.	

MIEH899
Doctoral Dissertation Research
MIEH899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F.

0101	Paul Turner	Seats (Total: 5)
	Contact instructor or department for details.	
0102	Amir Sapkota	Seats (Total: 5)
	Contact instructor or department for details.	
0103	Amy Sapkota	Seats (Total: 5)
	Contact instructor or department for details.	
0104	Donald Milton	Seats (Total: 5)
	Contact instructor or department for details.	
0105	Robin Puett	Seats (Total: 5)
	Contact instructor or department for details.	
0106	Sacoby Wilson	Seats (Total: 5)
	Contact instructor or department for details.	

MUSC School of Music
Winter 2013
MUSC205
History of Popular Music, 1950-Present

MUSC205 History of Popular Music, 1950-Present; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. GenEd: Distributive Studies - Humanities.

A historical survey of rock music (blues, rock, soul, metal, rap, etc.) from circa 1950 to the present, with emphasis on popular music as music and popular music as social history.

0101	Robert Lintott	Seats (Total: 30)
	MTuWThF 10:00am - 1:00pm	PAC 3160

NFSC Nutrition and Food Science Winter 2013

NFSC100 Elements of Nutrition

NFSC100 Elements of Nutrition; (3 credits) Grade Method: REG/P-F/AUD. CORE Life Science (LS) Course. GenEd: Distributive Studies - Natural Sciences.

Fundamentals of human nutrition. Nutrient requirements related to changing individual and family needs.

0101	Wen Hsing Cheng	Seats (Total: 25)
	MTuWThF 10:00am - 12:00pm	SKN 0101
	MTuWThF 12:00pm - 1:00pm	SKN 0101 Discussion

NFSC386 Experiential Learning

NFSC386 Experiential Learning; (3-6 credits) Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

Prerequisite: Permission of AGNR-Nutrition and Food Science department.

Restriction: Junior standing or higher. Formerly: FDSC386 and NUTR386.

Contact department for information to register for this course.

NFSC498 Selected Topics

NFSC498 Selected Topics; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC799 Master's Thesis Research

NFSC799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PHIL Philosophy Winter 2013

PHIL140 Contemporary Moral Issues

PHIL140 Contemporary Moral Issues; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. GenEd: Distributive Studies - Humanities.
The uses of philosophical analysis in thinking clearly about such widely debated moral issues as abortion, euthanasia, homosexuality, pornography, reverse discrimination, the death penalty, business ethics, sexual equality, and economic justice. This course will meet entirely online. Students should contact the instructor at marke@umd.edu .
[Click here for more course information.](#)

WB11	Mark Engelbert	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

PHIL170 Introduction to Logic

PHIL170 Introduction to Logic; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course. GenEd: Fundamental Studies - Analytic Reasoning.
Development of analytical reasoning skills through study of formal logics, reasoning systems, and fallacious inference patterns. Section will meet entirely online. Students should contact the instructor at izumi@umd.edu if there are any questions. [Click here for more course information.](#)

WB11	Yu Izumi	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

PHIL308E Studies in Contemporary Philosophy; Individual Liberty and Social Justice

PHIL308E Studies in Contemporary Philosophy: Individual Liberty and Social Justice; (3 credits) Grade Method: REG/P-F/AUD.

Recommended: Prior philosophy coursework. How should the value of liberty affect our moral evaluation of economic issues? What role does liberty play in prominent theories of social justice? We will explore these questions both abstractly and concretely with the aim of bringing a measure of philosophical clarity to some of our most heated political debates. For additional information contact the instructor, Aaron Hoitink, at ahoitink@yahoo.com.

WB11	Aaron Hoitink	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

PHIL308V

Studies in Contemporary Philosophy; Philosophy Live! Mind, Metaphysics and Media

PHIL308V Studies in Contemporary Philosophy: Philosophy Live! Mind, Metaphysics and Media; (3 credits) Grade Method: REG/P-F/AUD.

Recommended: Prior philosophy coursework Through the use of mass media, and classic and contemporary readings, this class explores central questions in understanding the mind and its relationship with the world. Students will explore central questions as they appear in popular culture. Topics include perception, free will, the nature of properties, time, and personal identity. For additional information contact the instructor, Diimter Kirilov at dkirilov@umd.edu.

WB11	Dimiter Kirilov	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

PHIL408E

Topics in Contemporary Philosophy; Individual Liberty and Social Justice

PHIL408E Topics in Contemporary Philosophy: Individual Liberty and Social Justice; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: Six hours of philosophy coursework. Course description as for PHIL308E, but readings and requirements will be more advanced, as appropriate for 400-level credit. For additional information contact the instructor, Aaron Hoitink, at ahoitink@yahoo.com.

WB11	Aaron Hoitink	Seats (Total: 5)
	Class time/details on ELMs	ONLINE

PHIL408V

Topics in Contemporary Philosophy; Philosophy Live! Mind, Metaphysics and Media

PHIL408V Topics in Contemporary Philosophy: Philosophy Live! Mind, Metaphysics and Media; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: Six hours of philosophy course work. Course description as for PHIL308V, but readings and requirements will be more advanced, as appropriate for 400-level credit. For additional information contact the instructor, Diimter Kirilov at dkirilov@umd.edu.

WB11	Dimiter Kirilov	Seats (Total: 5)
	Class time/details on ELMs	ONLINE

PSYC Psychology Winter 2013

PSYC100 Introduction to Psychology

PSYC100 Introduction to Psychology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences or Distributive Studies - Natural Sciences. A basic introductory course, intended to bring the student into contact with the major problems confronting psychology and the more important attempts at their solution.

0101	Barry Smith	Seats (Total: 30)
	MTuWThF 9:00am - 12:00pm	BPS 3132

PSYC200 Statistical Methods in Psychology

PSYC200 Statistical Methods in Psychology; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Fundamental Studies - Analytic Reasoning. *Prerequisite: PSYC100; and 1 course with a minimum grade of C- from (MATH220, STAT100, MATH111, MATH130, MATH140). Credit only granted for: BIOM301, BMGT230, CCJS200, ECON321, EDMS451, GEOG306, GVPT422, PSYC200, or SOCY201.* A basic introduction to quantitative methods used in psychological research.

0101	Richard Yi	Seats (Total: 40)
	MTuWThF 9:00am - 12:00pm	BPS 1236

PSYC221 Social Psychology

PSYC221 Social Psychology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences or Distributive Studies - Scholarship in Practice.

Prerequisite: PSYC100. The influence of social factors on the individual and on interpersonal behavior. Includes topics such as conformity, attitude change, person perception, interpersonal attraction, and group behavior.

0101	Dylan Selterman	Seats (Total: 40)
	MTuWThF 1:00pm - 4:00pm	BPS 1236

PSYC289E Psychology of Evil

PSYC289E Psychology of Evil; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences; Signature Courses - I-Series.

Why is there evil in the world? Are some born evil, or do social, environmental and cultural forces create evil? What makes otherwise good people do evil things? The scientific study of evil epitomizes the fundamental challenge that psychology faces in dissecting the role of biology (nature) and the social context (nurture). [Click here for more course information.](#)

0101	Scott Roberts	Seats (Total: 40)
	MTuWThF 1:00pm - 4:00pm	BPS 1238

PSYC301 Biological Basis of Behavior

PSYC301 Biological Basis of Behavior; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: PSYC100 and BSCI105. An introduction to the anatomical structures and physiological processes that determine behavior. After a study of the basic functioning of the nervous system, the course will examine the acquisition and processing of sensory information, the neural control of movement, and the biological bases of complex behaviors such as sleep, learning, memory, sex, language, and addiction.

0101	Frank Hall	Seats (Total: 25)
	MTuWTh 5:00pm - 8:30pm	BPS 1238

PSYC432 Counseling Psychology: Theories, Research, and Practice

PSYC432 Counseling Psychology: Theories, Research, and Practice; (3 credits)

Grade Method: REG/P-F/AUD.

Prerequisite: PSYC200. Analysis of research and intervention strategies developed and used by counseling psychologists. Historical and current trends in content and methodology.

0101	Kevin McGann	Seats (Total: 30)
	MTuWThF 12:00pm - 3:00pm	BPS 1232

PSYC437**The Assessment and Treatment of Addictive Behaviors****PSYC437 The Assessment and Treatment of Addictive Behaviors; (3 credits)**

Grade Method: REG/P-F/AUD.

Prerequisite: PSYC100; and 9 credits in PSYC courses. Credit only granted for: PSYC309E (taken in the Winter Term) or PSYC437. Formerly: PSYC309E. Explores the current research in assessment and treatment of addictive behaviors. Topics may include addictions in the areas of alcohol, drugs, nicotine, gambling, and eating.

0101	Carl Lejuez, Laura MacPherson	Seats (Total: 25)
	MTuWTh 1:00pm - 4:20pm	BPS 1124

PSYC478**Independent Study in Psychology****PSYC478 (PermReq) Independent Study in Psychology; (1-3 credits)**

Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PSYC479**Special Research Problems in Psychology****PSYC479 Special Research Problems in Psychology; (1-3 credits)**

Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PSYC638**Externship in Professional Psychology**

PSYC638 Externship in Professional Psychology; (1-3 credits) Grade Method: S-F.

0101	Karen O'Brien	Seats (Total: 10)
Contact instructor or department for details.		

PSYC664

Understanding Trauma and Recovery II

PSYC664 Understanding Trauma and Recovery II; (3 credits) Grade Method: REG/AUD.

Prerequisite: PSYC662. Restriction: Must be in the Graduate Certificate of Professional Studies in Treating Survivors of Violence, Torture, and Trauma: Theoretical Foundations and Mental Health; or permission of instructor. This is the second in a series of two courses designed to provide students with an understanding of psychological trauma and treatment of trauma survivors. Current approaches to understanding and treating trauma survivors from psychological, developmental, neurobiological, cognitive, and ecological perspectives will be presented.

PL01	Beth Richie	Seats (Total: 20)
Meets November 26, 2012 - February 15, 2013		
Class time/details on ELMs		ONLINE

PSYC799

Master's Thesis Research

PSYC799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PSYC888O

Research Methods in Psychology; Computer programming for psychological research

PSYC888O Research Methods in Psychology: Computer programming for psychological research; (2 credits) Grade Method: REG/AUD.

This course will use a hands-on approach to teach how to program computerized experiments that can be used in psychological research. We will use the software package E-Prime which allows to implement such experiments relatively quick and easy. The course is designed to cover fundamental skills such as presenting visual and auditory stimuli, and collecting and organizing responses, but will also address more advanced topics such as millisecond accurate timing, and integration of computerized experiments with fMRI or EEG methods

0101	Martin Buschkuehl	Seats (Total: 20)
	MTuWThF 10:00am - 12:00pm	BPS 0140

PUAF Public Policy Winter 2013

PUAF359T **Contemporary Issues in Political Leadership and Participation; Public Leadership in Non-U.S. Cultures**
 Contact department for information to register for this course.

PUAF689I **Public Policy Topics; Social-Ecological Systems, Environmental Policy, and Sustainable Development in Indonesia**
 Contact department for information to register for this course.

PUAF711 **Public Management and Leadership**
PUAF711 Public Management and Leadership; (3 credits) Grade Method: REG/AUD.
Restriction: Must be in a major in PUAf-School of Public Policy; or permission of PUAf-School of Public Policy. Reviews the managerial, political, and ethical problems faced by public sector managers and leaders, including setting an organization's goals, obtaining and protecting a program mandate, designing a service delivery system and implementing a new program.

0101	Elizabeth Duke	Seats (Total: 24)
	MTuWTh 9:45am - 1:00pm	VMH 1207

PUAF752 **Managing Differences:Resolving Conflict and Negotiating Agreements**
PUAF752 Managing Differences:Resolving Conflict and Negotiating Agreements; (3 credits) Grade Method: REG/AUD.
Restriction: Must be in a major in PUAf-School of Public Policy; or permission of PUAf-School of Public Policy. Enhances the student's negotiation and leadership skills for managing differences between individuals and groups. Students study the nature of conflict, learn how to handle two and multiparty conflicts, exerting leadership where there are no hierarchy leaders, and explore the impact of facilitators and mediators on the negotiating process. Blends skill building exercises and theory discussions about the behavior of groups and individuals in groups to understand negotiation dynamics. Meeting dates are as follows: January 2, 9am-6pm; January 4, 9am-6pm; January 6, 1-5pm; January 9, 9am -6pm; January 11, 9am-6pm; January 14, 1-6pm; January 16, 1-6pm.

0101	Charles Field	Seats (Total: 20)
	TBA	VMH 1107

PUAF798A Readings in Public Policy

PUAF798A Readings in Public Policy; (1-3 credits) Grade Method: REG/AUD.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PUAF798T Readings in Public Policy; Public Leadership in Non-U.S. Cultures
Contact department for information to register for this course.

PUAF898 Pre-Candidacy Research

PUAF898 Pre-Candidacy Research; (1-6 credits) Grade Method: REG/S-F.

0131	Nathan Hultman	Seats (Total: 5)
	Contact instructor or department for details.	

PUAF899 Doctoral Dissertation Research

PUAF899 Doctoral Dissertation Research; (1-6 credits) Grade Method: REG.

0131	Nathan Hultman	Seats (Total: 5)
	Contact instructor or department for details.	

RDEV Real Estate Development Winter 2013

RDEV688E Selected Topics in Real Estate Development; Resolving Conflict and Negotiating Agreements
RDEV688E (*PermReq*) Selected Topics in Real Estate Development: Resolving Conflict and Negotiating Agreements; (3 credits) Grade Method: REG/AUD.

0101	Ronald McDonald	Seats (Total: 30)
	MWF 6:30pm - 10:00pm	ARC 1105
	Su 12:00pm - 6:00pm	ARC 1105
	Sa 12:00pm - 5:00pm	ARC 1105
<i>The meetings on Monday, Wednesday, and Friday begin meeting on Wednesday, January 2nd. The meetings on Sunday meet on January 6th and 13th. The meeting on Saturday only meets on January 19th.</i>		

RDEV689L

Current Topics in Real Estate Development; Risk Management for Real Estate Developers

RDEV689L (PermReq) Current Topics in Real Estate Development: Risk Management for Real Estate Developers; (3 credits) Grade Method: REG/AUD.
This course will meet for three Sundays (1/8, 1/15, 1/22).

0101	Robert Wertheimer	Seats (Total: 15)
	MWTh 6:30pm - 9:30pm	ARC 1103
	Su 1:00pm - 5:00pm	ARC 1103
	Sa 1:00pm - 4:00pm	ARC 1103

SLLC

**School of Languages, Literatures
and Cultures**

Winter 2013

SLLC342

Film Comedy

SLLC342 Film Comedy; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: ENGL245, FILM245, SLLC283, or FILM283; or permission of ARHU-School of Languages, Literatures, and Cultures department. Also offered as: FILM342. Credit only granted for: SLLC342, FILM342, or SLLC368B. Formerly: SLLC368B. Comedy as a specific cinematic genre.

WB11	Luka Arsenjuk	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

SOCY

Sociology

Winter 2013

SOCY230

Sociological Social Psychology

SOCY230 Sociological Social Psychology; (3 credits) Grade Method: REG/P-F/AUD.

Theoretical perspectives and their applications. Socialization through the life course, the self-concept, attitudes, emotion, attribution, interpersonal relations, group processes, deviance, and social change.

0101	Amy Baxter	Seats (Total: 30)
	MTuWThF 12:00pm - 3:00pm	ASY 3207

SOCY305 **Scarcity and Modern Society**

SOCY305 Scarcity and Modern Society; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: 3 credits in SOCY courses. Resource depletion and the deterioration of the environment. Relationship to lifestyles, individual consumer choices, cultural values, and institutional failures. Projection of the future course of American society on the basis of the analysis of scarcity, theories of social change, current trends, social movements, government actions, and the futurist literature.

0101	Kurt Finsterbusch	Seats (Total: 30)
	MTuWThF 12:00pm - 3:00pm	ASY 3203

SOCY441 **Social Stratification and Inequality**

SOCY441 Social Stratification and Inequality; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: 6 credits in SOCY courses; or permission of BSOS-Sociology department. Restriction: Junior standing or higher. The sociological study of social class, status, and power. Topics include theories of stratification, correlates of social position, functions and dysfunctions of social inequality, status inconsistency, and social mobility.

WB11	John Pease	Seats (Total: 100)
	Class time/details on ELMs	ONLINE

SOCY467 **Sociology of Education**

SOCY467 Sociology of Education; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: 6 credits in SOCY courses; or permission of BSOS-Sociology department. Sociological analysis of educational institutions and their relation to society: goals and functions, the mechanisms of social control, and the impacts of stratification and social change. Study of the school as a formal organization, and the roles and subcultures of teachers and students.

0101	Linda Moghadam	Seats (Total: 30)
	MTuWThF 9:00am - 12:00pm	ASY 3207

SOCY498C **Selected Topics in Sociology; Exploring Brazil through Work, Culture and Race**
 Contact department for information to register for this course.

SOCY699I **Special Social Problems; Statistical Techniques**
SOCY699I Special Social Problems: Statistical Techniques; (3 credits) Grade Method: REG/AUD.

0101	Alan Neustadtl	Seats (Total: 15)
	MTuWTh 1:00pm - 4:30pm	ASY 2115

SPAN Spanish Winter 2013

SPAN103 **Intensive Elementary Spanish**
SPAN103 Intensive Elementary Spanish; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Must have appropriate Foreign Language Placement Test (FLPT) score.
Restriction: Must not be a native/fluent speaker of Spanish; or must not have completed SPAN101 or SPAN102. Credit only granted for: SPAN102 or SPAN103.
 Covers speaking, reading, writing, listening, and culture of Spanish-speaking world.

0101	Carla Onate	Seats (Total: 25)
	MTuWThF 9:30am - 1:00pm	JMZ 2122

SPAN169X **Special Topics in Study Abroad I; Elementary Spanish I**
 Contact department for information to register for this course.

SPAN169Y **Special Topics in Study Abroad I; Elementary Spanish II**
 Contact department for information to register for this course.

SPAN203 Intensive Intermediate Spanish

SPAN203 Intensive Intermediate Spanish; (4 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.

Prerequisite: SPAN103; or Must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not be a native/fluent speaker of Spanish. Covers speaking, reading, writing, listening, and culture of Spanish-speaking world.

0101	Andrew Milacci	Seats (Total: 25)
	MTuWThF 9:30am - 1:00pm	JMZ 2123
0102	Sebastian Bartis	Seats (Total: 25)
	MTuWThF 1:00pm - 4:30pm	JMZ 2206

SPAN204 Spanish Grammar Review

Contact department for information to register for this course.

SPAN222 Cultural Difference in Contemporary Latin America

SPAN222 Cultural Difference in Contemporary Latin America; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course. Introduction to representations and expressions in Latin America: cultural stereotypes, representations of difference, forms of discrimination, sublimation of difference into national identity, and the staging of the other. Taught in English. Click here for more course information.

0101	Jason Bartles	Seats (Total: 25)
	MTuWTh 1:00pm - 4:30pm	JMZ 3120

SPAN225 Cultures of the Contact Zones - Seville, Al-Andalus and the Atlantic World

Contact department for information to register for this course.

SPAN269I Special Topics in Study Abroad II; Intermediate Spanish I

Contact department for information to register for this course.

SPAN301 Advanced Grammar and Composition I

Contact department for information to register for this course.

SPAN302 **Advanced Grammar and Composition II**
Contact department for information to register for this course.

SPAN369O **Special Topics in Study Abroad III; Spanish Conversation & Oral Skills**
Contact department for information to register for this course.

SPAN369W **Special Topics in Study Abroad III; Spanish Stylistics: Advanced Spanish Writing and Stylistics**
Contact department for information to register for this course.

SPAN399C **Independent Study in Spanish; Spanish Culture in the Convivencia Period**
Contact department for information to register for this course.

SPAN401 **Advanced Composition I**
Contact department for information to register for this course.

SPAN402 **Advanced Composition II**
Contact department for information to register for this course.

SPHL Public Health Winter 2013

SPHL620 **Global Health Communication and Promotion**

SPHL620 Global Health Communication and Promotion; (3 credits) Grade
Method: REG/AUD.

Recommended: SPHL600. Credit only granted for: SPHL620 or SPHL698C. Formerly: SPHL698C. Explores the critical components in developing, implementing and evaluating health/population promotion and communication interventions. Emphasis is on theory application to a variety of cultural settings. Formative and quantitative research methods will be utilized.

PSG1	Muhiuddin Haider	Seats (Total: 20)
	MTuWTh 5:00pm - 8:30pm	Location: TBA

Restricted to students in the Global Health Certificate. Meets at Universities of Shady Grove.

THET Theatre Winter 2013

THET399C **Independent Study; STAGE COMBAT: SINGLE SWORD**

THET399C Independent Study: STAGE COMBAT: SINGLE SWORD; (3 credits)

Grade Method: REG/P-F/AUD.

0101	Matthew Wilson	Seats (Total: 12)	
	MTuWThF 6:00pm - 9:00pm	PAC 2740	Lab

THET399F**Independent Study; THE BACKDOOR TO HOLLYWOOD: MAKING YOUR FIRST GENRE MOVIE****THET399F Independent Study: THE BACKDOOR TO HOLLYWOOD: MAKING YOUR FIRST GENRE MOVIE; (3 credits)** Grade Method: REG/P-F/AUD.

0101	Adam Nixon	Seats (Total: 12)	
	MTuWThF 3:00pm - 6:00pm	PAC 1815	Lab

USLT**Latina/o Studies****Winter 2013****USLT498L****US Latina/o Studies: Special Topics; From Ricky Ricardo to Jennifer Lopez: Exploring Latina/o Gender & Sexuality in Popular Culture****USLT498L US Latina/o Studies: Special Topics: From Ricky Ricardo to Jennifer Lopez: Exploring Latina/o Gender & Sexuality in Popular Culture; (3 credits)**

Grade Method: REG/P-F/AUD.

Also offered as AMST328R

WB11	Cristina Perez	Seats (Total: 30)	
	Class time/details on ELMs	ONLINE	

WINT**Winterterm Workshops****Winter 2013****WINT002****Multi-Track Diplomacy and Conflict Transformation****WINT002 Multi-Track Diplomacy and Conflict Transformation; (No CEU'S)** Grade Method: NGL.

Meets Friday, 1/18/13 from 6pm-9:00pm. ("snow day" makeups: Jan. 19-20 if needed). WINT003 is strongly recommended as a concurrent class. Click here for more course information.

0101	John Davies, Edward Kaufman	Seats (Total: 30)	
	MTuWTh 6:00pm - 9:15pm	TYD 1102	

WINT003**Workshop In Multi-Track Diplomacy**

WINT003 Workshop In Multi-Track Diplomacy; (No CEU'S) Grade Method: NGL.
Two consecutive weekend workshops: Friday evenings 6-9pm, Saturday and Sundays 9am-1pm and 2-6pm, January 4-6 and 11-13 ("snow day" makeups: January 19-20 if needed). WINT002 is strongly recommended as a concurrent class. [Click here](#) for more course information.

0101	John Davies, Edward Kaufman	Seats (Total: 30)
	F 6:00pm - 9:00pm	TYD 1101
	SaSu 9:00am - 1:00pm	TYD 1101
	SaSu 2:00pm - 6:00pm	TYD 1101

WINT012 Winterterm Study Skills Program

WINT012 Winterterm Study Skills Program; (No CEU'S) Grade Method: NGL.
Designed to help students "bounce back" from academic difficulties. Recommended for those on probation or facing dismissal. Students identify the causes of poor academic performance and develop strategies to be successful. Class meets for one week: Jan 7-11. Also offered as EDCP108B. For more information, [click here](#).

0101	Beverly Greenfeig	Seats (Total: 50)
	Meets January 7, 2013 - January 11, 2013	
	MTuWThF 9:30am - 12:30pm	TYD 2109

WMST Women's Studies Winter 2013

WMST250 Introduction to Women's Studies: Women, Art and Culture

WMST250 Introduction to Women's Studies: Women, Art and Culture; (3 credits)
Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies.

An examination of women's creative powers as expressed in selected examples of music, film, art, drama, poetry, fiction, and other literature. Explores women's creativity in relation to families, religion, education, ethnicity, class, sexuality, and within a cultural tradition shaped by women.

WB11	Kimberlee Staking	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

WMST255**Reading Women Writing**

WMST255 Reading Women Writing; (3 credits) Grade Method: REG/P-F/AUD.

CORE Literature (HL) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies.

Also offered as: ENGL250. Credit only granted for: WMST255 or ENGL250. Images of women in literature by and about women.

WB11	Amy Merritt	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

WMST326**Biology of Reproduction**

WMST326 Biology of Reproduction; (3 credits) Grade Method: REG/P-F/AUD.

Prerequisite: BSCI105; or permission of ARHU-Women's Studies department. Also offered as: BSCI342. Credit only granted for: BSCI342 or WMST326. The biology of the reproductive system with emphasis on mammals and, in particular, on human reproduction. Hormone actions, sperm production, ovulation, sexual differentiation, sexual behavior, contraception, pregnancy, lactation, maternal behavior and menopause.

0101	Justicia Opoku-Edusei	Seats (Total: 75)
	MTuWThF 10:00am - 1:00pm	BPS 1243

WMST469T**Study Abroad Special Topics IV; Gender, Sexuality and Globalization: Transnational Feminisms and the Anglophone Caribbean**

Contact department for information to register for this course.

WMST498M**Advanced Special Topics in Women's Studies; Women and the Civil Rights Movement**

WMST498M Advanced Special Topics in Women's Studies: Women and the Civil Rights Movement; (3 credits) Grade Method: REG/P-F/AUD.

Also offered as HIST360 and AASP498I.

WB11	Elsa Barkley Brown	Seats (Total: 40)
	Class time/details on ELMs	ONLINE